

Converting Colors

XYZ(75.8715, 90.0078, 92.3407)

Have a look what the booklet for
XYZ(75.8715, 90.0078, 92.3407)
contains.

XYZ(75.8908, 90.0036, 91.9698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.8908, 90.0036,
91.9698)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFEEB
RGB	206, 254, 235
RGB Percent	81%, 100%, 92%
CMY	0.1921, 0.0039, 0.0784
CMYK	0.19, 0.00, 0.07, 0.00
HSL	156°, 96%, 90%
HSV	156°, 19%, 100%
XYZ	75.8908, 90.0036, 91.9698
YIQ	237.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

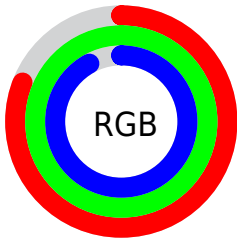
Format	Color
R _Y B	206, 236, 254
Decimal	13565675
CIE _{Lab}	96.00, -18.89, 4.04
CIE _{LCh}	96, 19.319, 167.917
Y _{xy}	90.0036, 0.2943, 0.3490
Android (android.graphics.Color)	4291755755 (0xFFCFEEB)
YUV	237.4820, -1.2236, -27.6097
Hunter-Lab	94.8702, -23.2330, 8.9318

Details

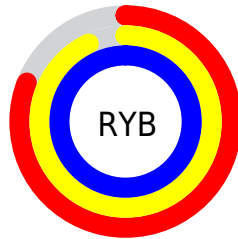
The XYZ color **75.8908, 90.0036, 91.9698** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.5382, 70.6520, 80.8413**, and the grayscale version is **80.8914, 85.1040, 92.6783**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8654, 49.7665, 50.0999** is the 20% darker color. If you saturate the color by 10%, you get **67.9895, 86.0959, 84.2305**, and if you desaturate by 10%, it is **85.0188, 94.5391, 100.1990**.

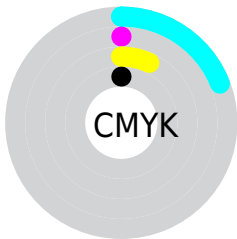
Distribution



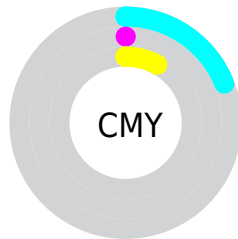
- Red (81%)
- Green (100%)
- Blue (92%)



- Red (81%)
- Yellow (93%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8908, 90.0036, 91.9698 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.8908, 90.0036, 91.9698 by changing the saturation by 10% instead.


 75.8908, 90.0036,
91.9698

 75.8908, 90.0036,
91.9698


469.9239,
528.0426, 555.1525

 56.6397, 67.9836,
69.0327


126.5537,
147.3434, 152.0309

 40.9551, 49.8844,
50.2664


158.6962,
183.4320, 189.9919

 28.4715, 35.3216,
35.2524

195.8666,
224.9790, 233.7979

 18.8236, 23.9107,
23.5723

238.4303,
272.3686, 283.8675

 11.6462, 15.2674,
14.8074

286.7524,
325.9854, 340.6192

 6.5737, 9.0073,
8.5392

341.1985,

 3.2409, 4.7459,

386.2138, 404.4716

4.3492

402.1339,
453.4380, 475.8432

■ 1.2824, 2.0990,
1.8188

■ 0.1700, 0.6640,
0.4403

■ 75.8908, 90.0036,
91.9698

■ 75.8908, 90.0036,
91.9698

■ 67.9895, 86.0959,
84.2305

■ 85.0188, 94.5391,
100.1990

■ 61.2514, 82.7761,
76.9655

94.7335, 99.3670,
108.7945

■ 55.6184, 80.0169,
70.1668

■ 51.0244, 77.7842,
63.8239

■ 47.3958, 76.0404,
57.9257

■ 44.6487, 74.7423,
52.4605

■ 42.6842, 73.8392,
47.4157

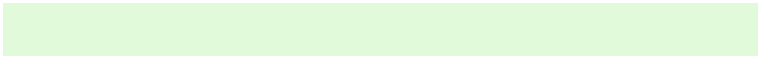
■ 41.3578, 73.2568,
42.7761

■ 41.2305, 73.2018,
42.2885

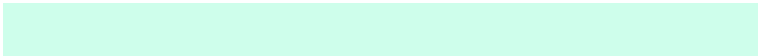
Harmonies

Analogous

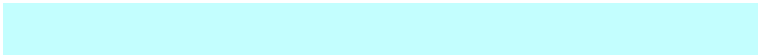
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1475, 90.0036, 79.5780



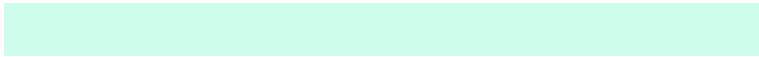
75.8908, 90.0036, 91.9698



76.1409, 90.0036, 107.3289

Triad

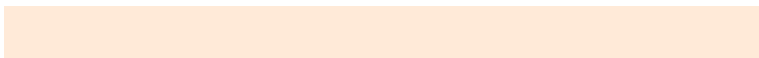
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8908, 90.0036, 91.9698



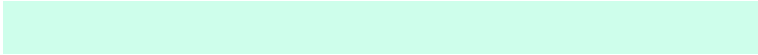
88.7444, 90.0036, 128.7342



92.6152, 90.0036, 77.7494

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.8908, 90.0036, 91.9698



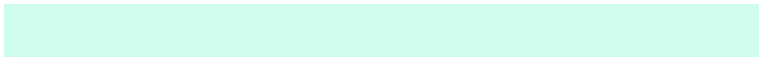
76.5382, 70.6520, 80.8413

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6948, 90.0036, 89.2254



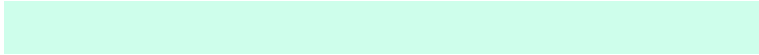
75.8908, 90.0036, 91.9698



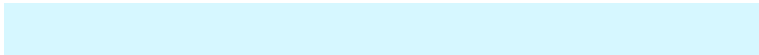
93.3968, 90.0036, 119.0628

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



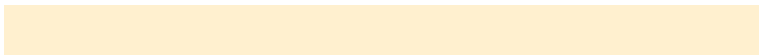
75.8908, 90.0036, 91.9698



83.4139, 90.0036, 129.6660



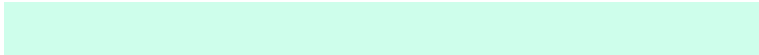
95.9866, 90.0036, 104.2853



87.7136, 90.0036, 71.9588

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



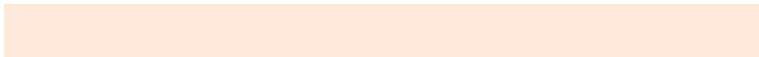
75.8908, 90.0036, 91.9698



77.6966, 90.0036, 117.2080



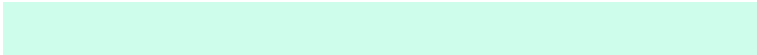
95.9866, 90.0036, 104.2853



93.9064, 90.0036, 81.0119

Sweetspot

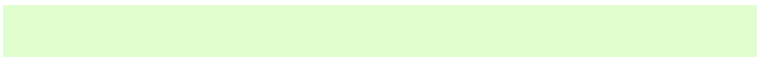
The Sweet Spot groups the original color and five complimentary colors.



75.8933, 90.0074, 91.9718



88.6834, 96.8288, 103.5917



77.6991, 91.3836, 71.9375



18.8396, 20.6546, 22.0515



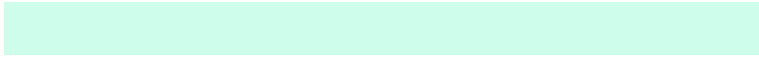
0.0000, 0.0000, 0.0000



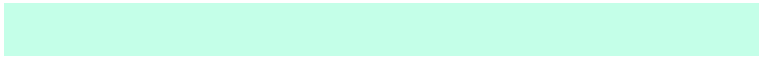
20.3446, 21.4041, 23.3091

Same Dimension

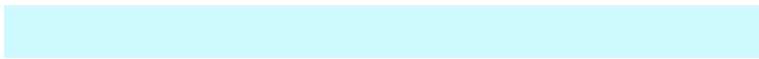
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8933, 90.0074, 91.9718



73.1506, 89.1166, 89.5272



77.2835, 88.1563, 106.7130



18.2325, 20.3525, 21.5272



21.8110, 38.6210, 22.6875



2.1775, 3.7819, 2.4926

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.5382, 70.6520, 80.8413



73.9201, 66.0424, 76.2622



75.2610, 72.0186, 68.3281



18.3072, 18.1062, 20.2349



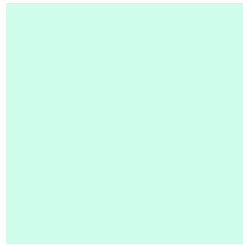
22.8433, 11.6266, 7.8252



2.2762, 1.1528, 1.0357

Previews

White Background



This preview shows how the XYZ color 75.8908, 90.0036, 91.9698 looks on a white background.

Color Contrast Check

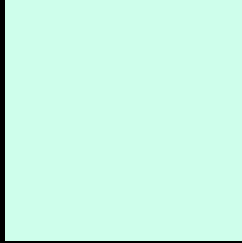
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.8908, 90.0036, 91.9698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

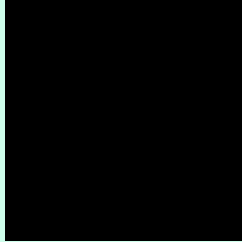
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

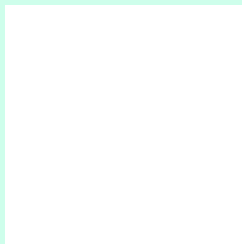
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.8908, 90.0036, 91.9698

Background



This preview shows how black text looks on a background with the XYZ color 75.8908, 90.0036, 91.9698.



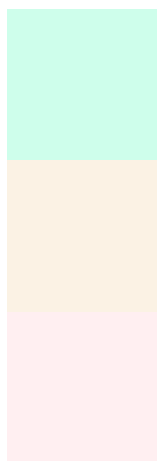
This preview shows how white text looks on a background with the XYZ color 75.8908, 90.0036,

91.9698.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.8908, 90.0036, 91.9698

Protanopia

85.5394, 89.6149, 86.1878

Deuteranopia

87.9837, 89.3439, 95.8269



Tritanopia

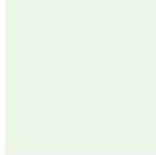
83.6389, 89.9545, 107.5625

Trichromacy



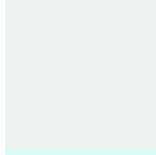
Original Color

75.8908, 90.0036, 91.9698



Protanomaly

81.6405, 89.3432, 88.5434



Deuteranomaly

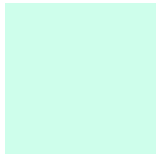
82.8557, 88.9379, 94.4611



Tritanomaly

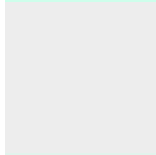
80.6378, 89.9008, 101.9095

Monochromacy



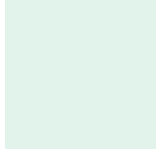
Original Color

75.8908, 90.0036, 91.9698



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5549, 86.3261, 91.8792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8908, 90.0036, 91.9698 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(206, 254, 235)` looks like.

```
.text, #text, p{  
    color:rgb(206, 254, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(206, 254, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 254, 235) }
```

Border

The CSS property to change the border of an element to XYZ 75.8908, 90.0036, 91.9698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 254, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(206, 254, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(206, 254, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 254, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 254, 235);  
box-shadow:4px 4px 4px 4px rgb(206, 254,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8908, 90.0036, 91.9698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 254, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(206,  
254, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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