

Converting Colors

XYZ(75.7467, 89.9459, 91.2109)

Have a look what the booklet for
XYZ(75.7467, 89.9459, 91.2109)
contains.

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Color

**XYZ(75.7467, 89.9459,
91.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFEEA
RGB	206, 254, 234
RGB Percent	81%, 100%, 92%
CMY	0.1921, 0.0039, 0.0823
CMYK	0.19, 0.00, 0.08, 0.00
HSL	155°, 96%, 90%
HSV	155°, 19%, 100%
XYZ	75.7467, 89.9459, 91.2109
YIQ	237.3680, -22.1880, -16.3960

Conversions

Conversions Part 2

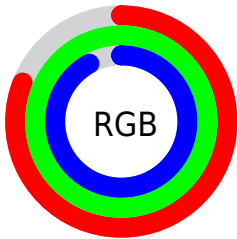
Format	Color
RYB	206, 236, 254
Decimal	13565674
CIELab	95.97, -19.08, 4.52
CIELCh	96, 19.611, 166.662
Yxy	89.9459, 0.2948, 0.3501
Android (android.graphics.Color)	4291755754 (0xFFCFE6EA)
YUV	237.3680, -1.6604, -27.5097
Hunter-Lab	94.8398, -23.4052, 9.3665

Details

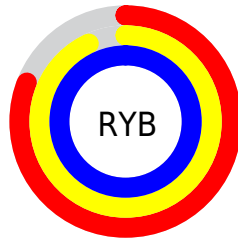
The XYZ color **75.7467, 89.9459, 91.2109** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6750, 70.7068, 81.5621**, and the grayscale version is **80.8065, 85.0147, 92.5811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7646, 49.7262, 49.5691** is the 20% darker color. If you saturate the color by 10%, you get **67.7819, 86.0128, 83.1370**, and if you desaturate by 10%, it is **84.9470, 94.5103, 99.8207**.

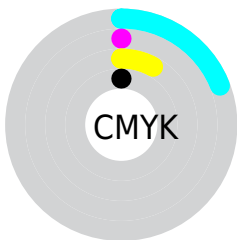
Distribution



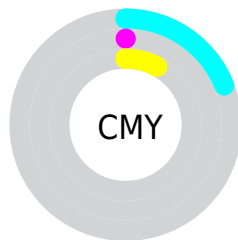
- Red (81%)
- Green (100%)
- Blue (92%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7467, 89.9459, 91.2109 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 75.7467, 89.9459, 91.2109 by changing the saturation by 10% instead.


 75.7467, 89.9459,
91.2109

 75.7467, 89.9459,
91.2109


469.4379,
527.8549, 552.6335

 56.5212, 67.9358,
68.4060

126.3511,
147.2632, 150.9694

 40.8596, 49.8455,
49.7594


158.4606,
183.3393, 188.7602

 28.3965, 35.2906,
34.8524


195.5955,
224.8727, 232.3833

 18.7668, 23.8868,
23.2666

238.1211,
272.2479, 282.2573

 11.6049, 15.2497,
14.5833

286.4028,
325.8494, 338.8008

 6.5455, 8.9948,
8.3841

340.8059,

 3.2233, 4.7378,

386.0614, 402.4323

4.2504

401.6958,
453.2684, 473.5704

■ 1.2729, 2.0943,
1.7637

■ 0.1628, 0.6614,
0.4039

■ 75.7467, 89.9459,
91.2109

■ 75.7467, 89.9459,
91.2109

■ 67.7819, 86.0128,
83.1370

■ 84.9470, 94.5103,
99.8207

■ 60.9887, 82.6710,
75.5821

94.7335, 99.3669,
108.7945

■ 55.3089, 79.8930,
68.5369

■ 50.6761, 77.6448,
61.9898

■ 47.0164, 75.8886,
55.9283

■ 44.2459, 74.5811,
50.3392

■ 42.2650, 73.6715,
45.2085

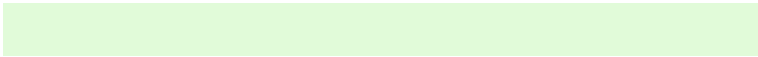
■ 40.9292, 73.0853,
40.5195

■ 40.8013, 73.0300,
40.0286

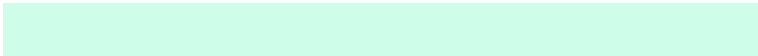
Harmonies

Analogous

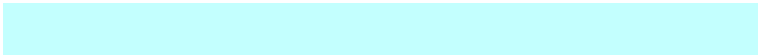
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1334, 89.9459, 78.8482



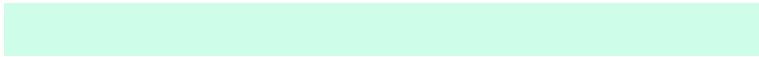
75.7467, 89.9459, 91.2109



75.8911, 89.9459, 106.7447

Triad

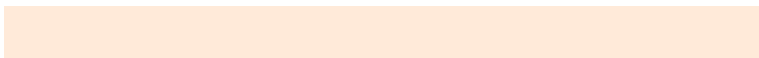
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7467, 89.9459, 91.2109



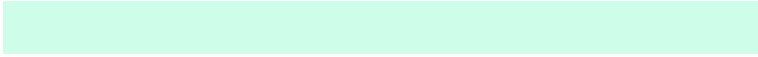
88.5138, 89.9459, 129.3999



92.8440, 89.9459, 77.7935

Complementary

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



75.7467, 89.9459, 91.2109



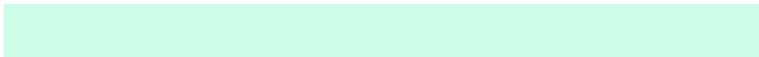
76.6750, 70.7068, 81.5621

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.



95.8678, 89.9459, 89.6254



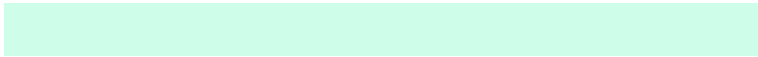
75.7467, 89.9459, 91.2109



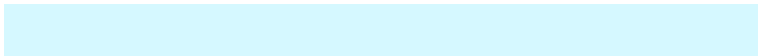
93.2964, 89.9459, 119.8792

Square

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



75.7467, 89.9459, 91.2109



83.1093, 89.9459, 129.9402



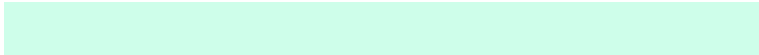
96.0368, 89.9459, 104.9834



87.9175, 89.9459, 71.6719

Rectangle

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



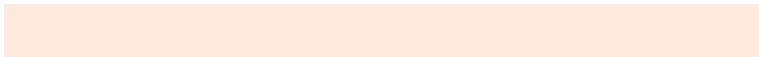
75.7467, 89.9459, 91.2109



77.4011, 89.9459, 116.8585



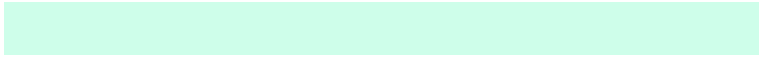
96.0368, 89.9459, 104.9834



94.1256, 89.9459, 81.1747

Sweetspot

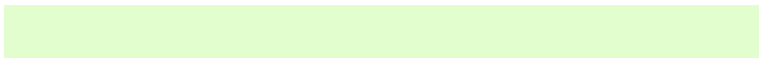
The Sweet Spot groups the original color and five complimentary colors.



75.7492, 89.9497, 91.2129



88.6337, 96.8089, 103.3301



78.2009, 91.6422, 71.9610



18.8279, 20.6499, 21.9897



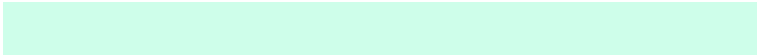
0.0000, 0.0000, 0.0000



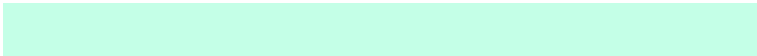
20.3446, 21.4041, 23.3091

Same Dimension

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



75.7492, 89.9497, 91.2129



72.9778, 89.0474, 88.6174



77.7807, 89.1508, 106.8786



18.2160, 20.3459, 21.4402



21.5852, 38.5307, 21.4989



2.1562, 3.7734, 2.3802

Inverse Universe

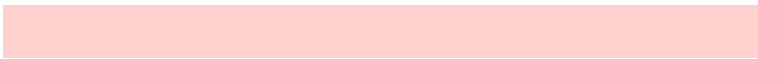
The Inverse Universe completely reimagines the original color for something new.



76.6750, 70.7068, 81.5621



74.0822, 66.1072, 77.1155



74.8660, 71.2285, 68.1966



18.3233, 18.1126, 20.3197



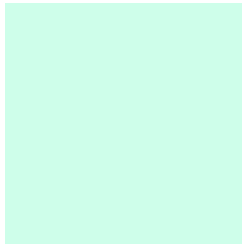
22.9855, 11.6835, 8.5743



2.2910, 1.1588, 1.1137

Previews

White Background



This preview shows how the XYZ color 75.7467, 89.9459, 91.2109 looks on a white background.

Color Contrast Check

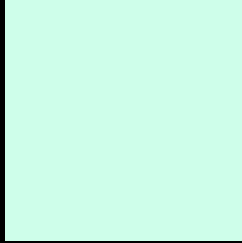
Large Text (above 18pt) WCAG AA × Fail

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 75.7467, 89.9459, 91.2109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

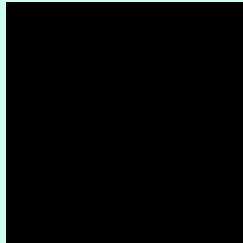
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

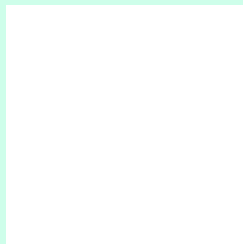
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7467, 89.9459, 91.2109

Background



This preview shows how black text looks on a background with the XYZ color 75.7467, 89.9459, 91.2109.



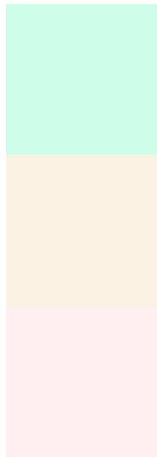
This preview shows how white text looks on a background with the XYZ color 75.7467, 89.9459,

91.2109.

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

75.7467, 89.9459, 91.2109

Protanopia

85.4009, 89.5595, 85.4587

Deuteranopia

87.9837, 89.3439, 95.8269



Tritanopia

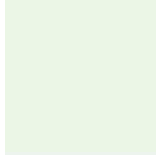
83.6389, 89.9545, 107.5625

Trichromacy



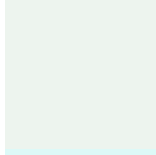
Original Color

75.7467, 89.9459, 91.2109



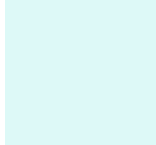
Protanomaly

81.4996, 89.2869, 87.8015



Deuteranomaly

82.7084, 88.8789, 93.6851



Tritanomaly

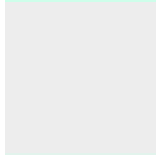
80.4830, 89.8389, 101.0944

Monochromacy



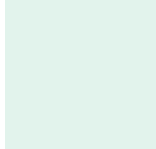
Original Color

75.7467, 89.9459, 91.2109



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 75.7467, 89.9459, 91.2109 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(206, 254, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 254, 234) }
```

Border

The CSS property to change the border of an element to XYZ 75.7467, 89.9459, 91.2109 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, 234) }
```


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

```
.border{ border-color:rgb(206, 254, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 254, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 254, 234);  
box-shadow:4px 4px 4px 4px rgb(206, 254,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7467, 89.9459, 91.2109 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, 234) }
```

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

```
.background{ background-color: rgb(206,  
254, 234) }
```

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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