

Converting Colors

XYZ(75.7255, 90.3027, 96.0279)

Have a look what the booklet for
XYZ(75.7255, 90.3027, 96.0279)
contains.

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Color

**XYZ(75.5756, 90.2288,
95.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	C9FFF0
RGB	201, 255, 240
RGB Percent	79%, 100%, 94%
CMY	0.2118, 0.0000, 0.0588
CMYK	0.21, 0.00, 0.06, 0.00
HSL	163°, 100%, 89%
HSV	163°, 21%, 100%
XYZ	75.5756, 90.2288, 95.8707
YIQ	237.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

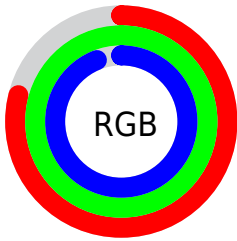
Format	Color
R_{YB}	201, 232, 255
Decimal	13238256
CIE _{Lab}	96.09, -19.94, 1.57
CIE _{LCh}	96, 19.998, 175.501
Yxy	90.2288, 0.2888, 0.3448
Android (android.graphics.Color)	4291428336 (0xFFC9FFF0)
YUV	237.1440, 1.4080, -31.6983
Hunter-Lab	94.9888, -24.2112, 6.6518

Details

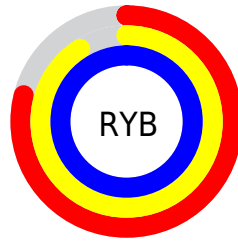
The XYZ color **75.5756, 90.2288, 95.8707** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5220, 67.9923, 74.1623**, and the grayscale version is **80.6115, 84.8096, 92.3576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6999, 49.9599, 52.8455** is the 20% darker color. If you saturate the color by 10%, you get **68.2486, 86.5708, 90.1429**, and if you desaturate by 10%, it is **84.0834, 94.4907, 101.8710**.

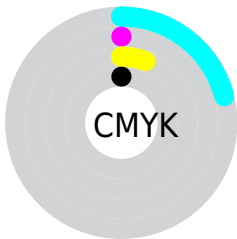
Distribution



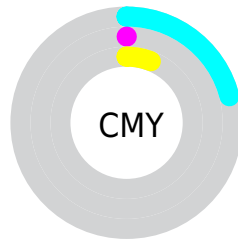
- Red (79%)
- Green (100%)
- Blue (94%)



- Red (79%)
- Yellow (91%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.5756, 90.2288, 95.8707 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 75.5756, 90.2288, 95.8707 by changing the saturation by 10% instead.


 75.5756, 90.2288,
95.8707

 75.5756, 90.2288,
95.8707


468.8604,
528.7748, 568.0041

 56.3804, 68.1704,
72.2590


126.1104,
147.6562, 157.4729

 40.7462, 50.0364,
52.8821


158.1807,
183.7939, 196.3004

 28.3076, 35.4423,
37.3216


195.2734,
225.3937, 241.0370

 18.6993, 24.0038,
25.1589

237.7538,
272.8397, 292.1011

 11.5559, 15.3364,
15.9754

285.9874,
326.5164, 349.9113

 6.5121, 9.0558,
9.3525

340.3394,

 3.2025, 4.7776,

386.8083, 414.8862

4.8719

401.1753,
454.0996, 487.4443

■ 1.2617, 2.1174,
2.1149

■ 0.1543, 0.6744,
0.6246

■ 75.5756, 90.2288,
95.8707

■ 75.5756, 90.2288,
95.8707

■ 68.2486, 86.5708,
90.1429

■ 84.0834, 94.4907,
101.8710

■ 62.0431, 83.4863,
84.6782

■ 93.8220, 99.3824,
108.1443

■ 56.8987, 80.9441,
79.4727

■ 95.0500, 100.0000,
108.9000

■ 52.7480, 78.9096,
74.5207

■ 49.5156, 77.3441,
69.8163

■ 47.1151, 76.2029,
65.3527

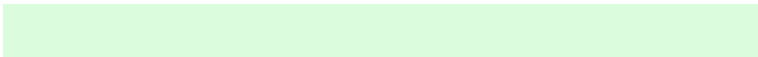
■ 45.4426, 75.4325,
61.1224

■ 44.4298, 74.9879,
57.5744

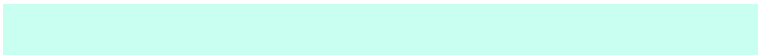
Harmonies

Analogous

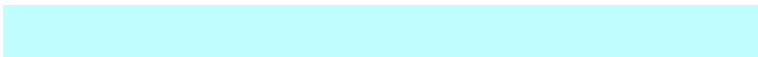
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2795, 90.2288, 81.9625



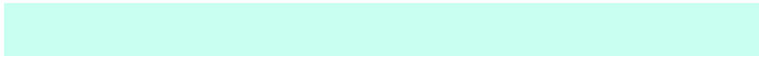
75.5756, 90.2288, 95.8707



76.5028, 90.2288, 111.9675

Triad

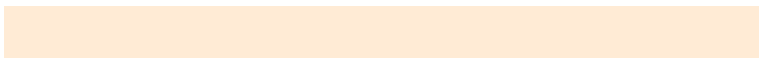
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5756, 90.2288, 95.8707



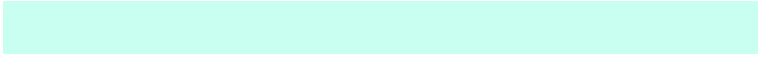
90.4266, 90.2288, 128.4217



91.9338, 90.2288, 75.1919

Complementary

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



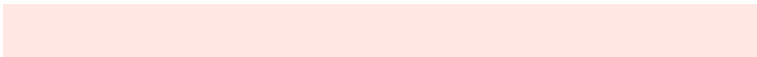
75.5756, 90.2288, 95.8707



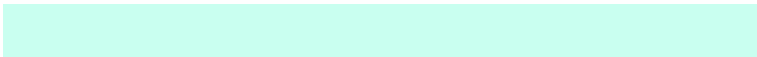
74.5220, 67.9923, 74.1623

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.



95.7349, 90.2288, 85.6900



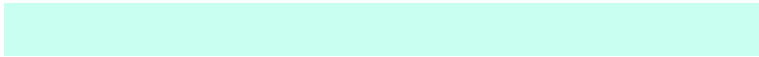
75.5756, 90.2288, 95.8707



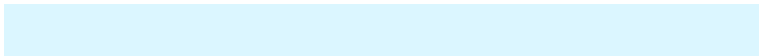
94.8387, 90.2288, 116.5500

Square

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



75.5756, 90.2288, 95.8707



84.9271, 90.2288, 131.8921



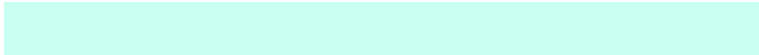
96.8201, 90.2288, 100.6558



86.5979, 90.2288, 70.8684

Rectangle

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



75.5756, 90.2288, 95.8707



78.5103, 90.2288, 121.6418



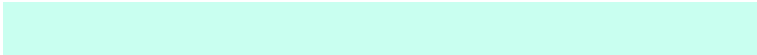
96.8201, 90.2288, 100.6558



93.4423, 90.2288, 78.0569

Sweetspot

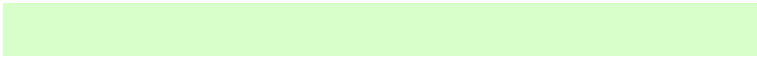
The Sweet Spot groups the original color and five complimentary colors.



75.5765, 90.2292, 95.8722



88.9667, 96.9421, 105.0832



74.7111, 90.3821, 68.7677



18.9067, 20.6814, 22.4045



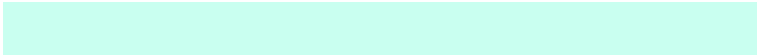
0.0000, 0.0000, 0.0000



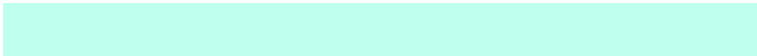
20.3446, 21.4041, 23.3091

Same Dimension

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



75.5765, 90.2292, 95.8722



72.6377, 88.7604, 93.6495



74.2787, 83.9191, 106.8908



18.3270, 20.3903, 22.0248



23.2822, 39.2095, 30.4349



2.3133, 3.8363, 3.2078

Inverse Universe

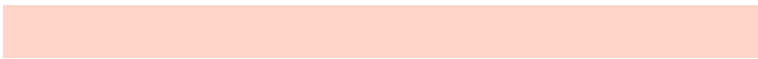
The Inverse Universe completely reimagines the original color for something new.



74.5220, 67.9923, 74.1623



71.4287, 63.2321, 68.7340



75.5022, 72.9158, 65.3546



18.2167, 18.0700, 19.7582



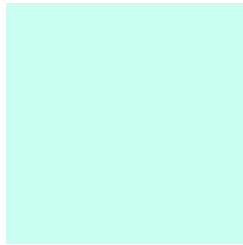
22.1942, 11.3670, 4.4070



2.2049, 1.1243, 0.6606

Previews

White Background



This preview shows how the XYZ color 75.5756, 90.2288, 95.8707 looks on a white background.

Color Contrast Check

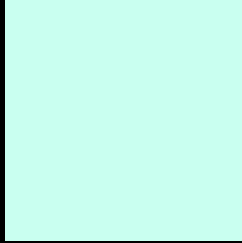
Large Text (above 18pt) WCAG AA × Fail

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 75.5756, 90.2288, 95.8707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

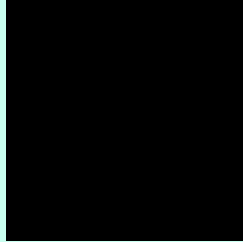
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

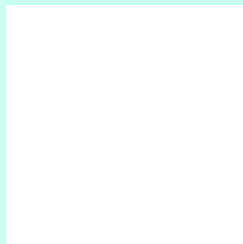
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5756, 90.2288, 95.8707

Background



This preview shows how black text looks on a background with the XYZ color 75.5756, 90.2288, 95.8707.



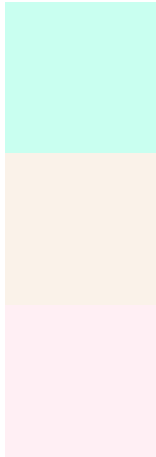
This preview shows how white text looks on a background with the XYZ color 75.5756, 90.2288,

95.8707.

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

75.5756, 90.2288, 95.8707

Protanopia

85.8845, 89.7114, 89.8802

Deuteranopia

88.4356, 89.5247, 98.2069



Tritanopia

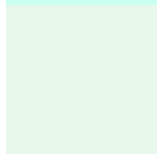
83.3189, 89.7895, 107.5475

Trichromacy



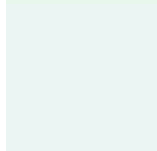
Original Color

75.5756, 90.2288, 95.8707



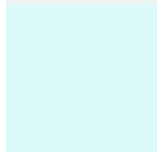
Protanomaly

81.6798, 89.7335, 92.3722



Deuteranomaly

83.0910, 89.4380, 97.6779



Tritanomaly

80.3444, 89.7136, 103.5243

Monochromacy



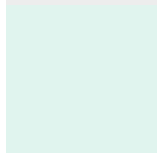
Original Color

75.5756, 90.2288, 95.8707



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5238, 86.7217, 93.4892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5756, 90.2288, 95.8707 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(201, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(201, 255, 240)  
}
```

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(201, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.5756, 90.2288, 95.8707 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(201, 255, 240) }
```


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

```
.border{ border-color:rgb(201, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5756, 90.2288, 95.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 240) }
```

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

```
.background{ background-color: rgb(201,  
255, 240) }
```

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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