

Converting Colors

XYZ(75.6254, 88.5766,
107.7188)

Have a look what the booklet for
XYZ(75.6254, 88.5766, 107.7188)
contains.

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Color

**XYZ(75.6254, 88.5766,
107.7188)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FCFF
RGB	196, 252, 255
RGB Percent	77%, 99%, 100%
CMY	0.2314, 0.0117, 0.0000
CMYK	0.23, 0.01, 0.00, 0.00
HSL	183°, 100%, 88%
HSV	183°, 23%, 100%
XYZ	75.6254, 88.5766, 107.7188
YIQ	235.5980, -34.3390, -10.9390

Conversions

Conversions Part 2

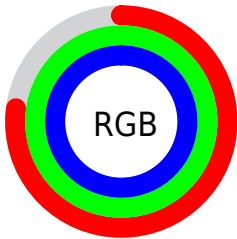
Format	Color
R_{YB}	196, 225, 255
Decimal	12909823
CIE _{Lab}	95.40, -16.87, -7.21
CIE _{LCh}	95, 18.344, 203.145
Yxy	88.5766, 0.2781, 0.3257
Android (android.graphics.Color)	4291099903 (0xFFC4FCFF)
YUV	235.5980, 9.5652, -34.7274
Hunter-Lab	94.1151, -21.2694, -1.9793

Details

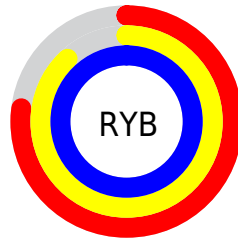
The XYZ color **75.6254, 88.5766, 107.7188** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.6272, 66.0917, 61.2082**, and the grayscale version is **79.3716, 83.5051, 90.9370**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **40.6927, 48.7702, 60.6949** is the 20% darker color. If you saturate the color by 10%, you get **69.1433, 84.6358, 107.2998**, and if you desaturate by 10%, it is **83.2421, 93.1111, 108.1926**.

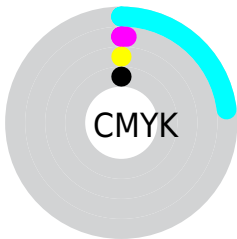
Distribution



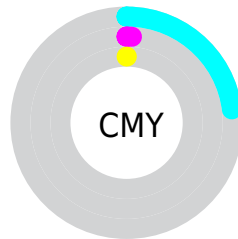
- Red (77%)
- Green (99%)
- Blue (100%)



- Red (77%)
- Yellow (88%)
- Blue (100%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6254, 88.5766, 107.7188 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 75.6254, 88.5766, 107.7188 by changing the saturation by 10% instead.

75.6254, 88.5766,
107.7188

75.6254, 88.5766,
107.7188

469.0285,
523.3896, 606.1232

56.4214, 66.8007,
82.1096

126.1804,
145.3596, 173.8689

40.7792, 48.9227,
60.9195

158.2621,
181.1356, 215.2468

28.3335, 34.5581,
43.7301

195.3671,
222.3470, 262.7181

18.7189, 23.3227,
30.1227

237.8607,
269.3782, 316.7012

11.5702, 14.8320,
19.6789

286.1083,
322.6137, 377.6148

6.5218, 8.7015,
11.9801

340.4752,

3.2085, 4.5470,

382.4378, 445.8773

6.6078

401.3269,
449.2350, 521.9072

■ 1.2650, 1.9840,
3.1433

■ 0.1568, 0.5982,
1.1683

■ 75.6254, 88.5766,
107.7188

■ 75.6254, 88.5766,
107.7188

■ 69.1433, 84.6358,
107.2998

■ 83.2421, 93.1111,
108.1926

■ 63.7320, 81.2488,
106.9313

■ 92.0395, 98.2560,
108.7220

■ 59.3317, 78.3871,
106.6108

■ 95.0500, 100.0000,
108.9000

■ 55.8742, 76.0155,
106.3353

■ 53.2828, 74.0944,
106.1011

■ 51.4686, 72.5782,
105.9040

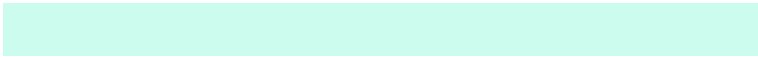
■ 50.3238, 71.4110,
105.7391

■ 49.8184, 70.7567,
105.6395

Harmonies

Analogous

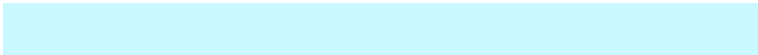
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9686, 88.5766, 93.1840



75.6254, 88.5766, 107.7188



78.5338, 88.5766, 120.2879

Triad

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



75.6254, 88.5766, 107.7188



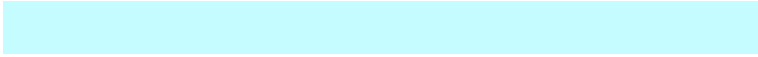
92.1481, 88.5766, 113.9865



85.3464, 88.5766, 71.5289

Complementary

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



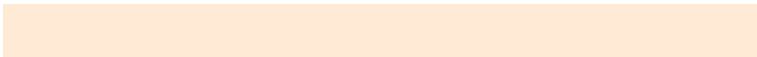
75.6254, 88.5766, 107.7188



71.6272, 66.0917, 61.2082

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.



90.1102, 88.5766, 75.9811



75.6254, 88.5766, 107.7188



94.1369, 88.5766, 99.7810

Square

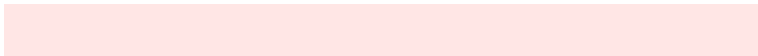
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6254, 88.5766, 107.7188



88.0390, 88.5766, 124.1503



93.3767, 88.5766, 85.9863



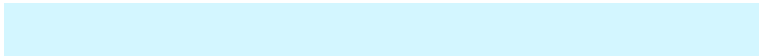
80.4537, 88.5766, 73.2021

Rectangle

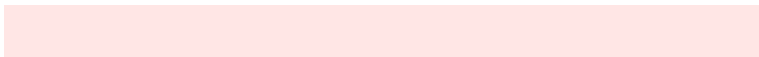
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



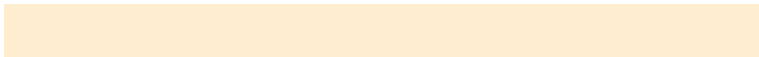
75.6254, 88.5766, 107.7188



81.4226, 88.5766, 125.3813



93.3767, 88.5766, 85.9863



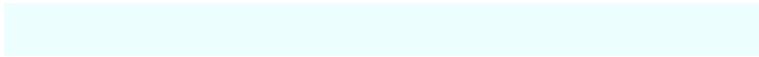
87.0182, 88.5766, 72.3428

Sweetspot

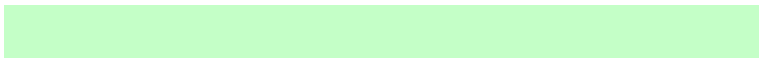
The Sweet Spot groups the original color and five complimentary colors.



75.6277, 88.5801, 107.7194



88.4968, 96.1935, 108.5107



68.8291, 87.3775, 67.2421



18.8270, 20.5222, 23.2188



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.



75.6277, 88.5801, 107.7194



72.3360, 86.5901, 107.5088



67.0838, 71.4923, 104.8714



18.4712, 20.3140, 23.1974



26.0656, 37.0408, 55.2104



2.5612, 3.6531, 5.3834

Inverse Universe

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



78.5521, 67.7699, 101.0403



75.7693, 62.3638, 99.6212



79.0719, 80.9812, 63.6898



18.7505, 18.2835, 22.5692



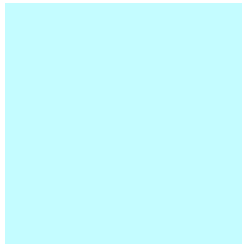
29.9449, 14.4673, 45.2218



2.9274, 1.4133, 4.4650

Previews

White Background



This preview shows how the XYZ color 75.6254, 88.5766, 107.7188 looks on a white background.

Color Contrast Check

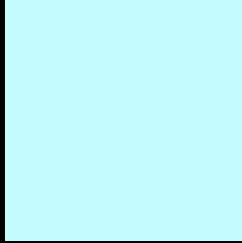
Large Text (above 18pt) WCAG AA × Fail

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 75.6254, 88.5766, 107.7188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

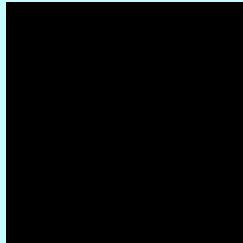
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

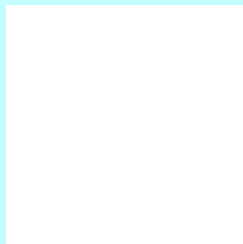
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6254, 88.5766, 107.7188

Background



This preview shows how black text looks on a background with the XYZ color 75.6254, 88.5766, 107.7188.

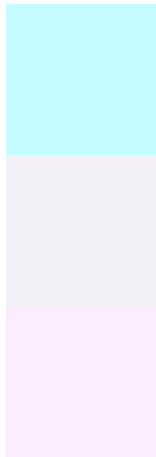


This preview shows how white text looks on a background with the XYZ color 75.6254, 88.5766,

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

75.6254, 88.5766, 107.7188

Protanopia

85.0655, 88.1522, 101.3386

Deuteranopia

88.5535, 88.0936, 106.9442



Tritanopia

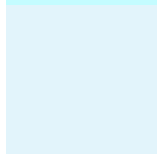
81.1338, 88.2128, 107.3583

Trichromacy



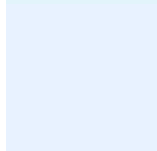
Original Color

75.6254, 88.5766, 107.7188



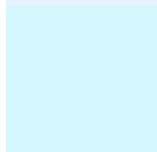
Protanomaly

81.1273, 87.8352, 103.9448



Deuteranomaly

83.0808, 87.8801, 107.1915



Tritanomaly

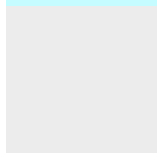
79.0580, 88.5009, 107.5233

Monochromacy



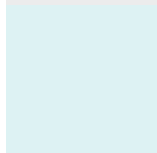
Original Color

75.6254, 88.5766, 107.7188



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.7486, 85.3475, 97.1699

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6254, 88.5766, 107.7188 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(196, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 252, 255)  
}
```

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(196, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.6254, 88.5766, 107.7188 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(196, 252, 255) }
```


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

```
.border{ border-color:rgb(196, 252, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6254, 88.5766, 107.7188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 252, 255) }
```

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

```
.background{ background-color: rgb(196,  
252, 255) }
```

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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