

Converting Colors

XYZ(75.1067, 88.3050,
107.6938)

Have a look what the booklet for
XYZ(75.1067, 88.3050, 107.6938)
contains.

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Color

**XYZ(75.1085, 88.3101,
107.6947)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FCFF
RGB	194, 252, 255
RGB Percent	76%, 99%, 100%
CMY	0.2392, 0.0117, 0.0000
CMYK	0.24, 0.01, 0.00, 0.00
HSL	183°, 100%, 88%
HSV	183°, 24%, 100%
XYZ	75.1085, 88.3101, 107.6947
YIQ	235.0000, -35.5310, -11.3630

Conversions

Conversions Part 2

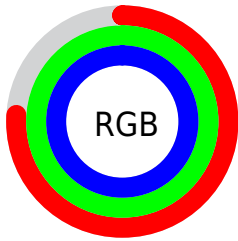
Format	Color
RYB	194, 224, 255
Decimal	12778751
CIELab	95.29, -17.44, -7.39
CIELCh	95, 18.944, 202.955
Yxy	88.3101, 0.2770, 0.3257
Android (android.graphics.Color)	4290968831 (0xFFC2FCFF)
YUV	235.0000, 9.8600, -35.9570
Hunter-Lab	93.9735, -21.7870, -2.1656

Details

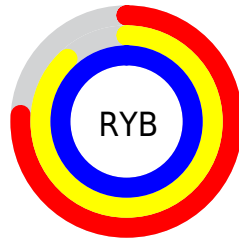
The XYZ color **75.1085, 88.3101, 107.6947** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9437, 65.0868, 59.8645**, and the grayscale version is **78.9143, 83.0239, 90.4131**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **40.3556, 48.5964, 60.6792** is the 20% darker color. If you saturate the color by 10%, you get **68.7257, 84.4401, 107.2841**, and if you desaturate by 10%, it is **82.6214, 92.7711, 108.1597**.

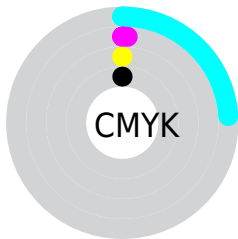
Distribution



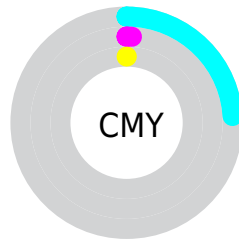
- Red (76%)
- Green (99%)
- Blue (100%)



- Red (76%)
- Yellow (88%)
- Blue (100%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1085, 88.3101, 107.6947 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 75.1085, 88.3101, 107.6947 by changing the saturation by 10% instead.

75.1085, 88.3101,
107.6947

75.1085, 88.3101,
107.6947

467.2818,
522.5182, 606.0470

55.9963, 66.5799,
82.0895

125.4530,
144.9888, 173.8357

40.4369, 48.7433,
60.9030

157.4160,
180.7061, 215.2086

28.0651, 34.4159,
43.7169

194.3933,
221.8546, 262.6744

18.5154, 23.2133,
30.1124

236.7503,
268.8186, 316.6518

11.4226, 14.7511,
19.6712

284.8523,
321.9826, 377.5592

6.4212, 8.6449,
11.9745

339.0646,

3.1459, 4.5103,

381.7309, 445.8151

6.6040

399.7527,
448.4480, 521.8382

■ 1.2314, 1.9629,
3.1410

■ 0.1309, 0.5858,
1.1671

■ 75.1085, 88.3101,
107.6947

■ 75.1085, 88.3101,
107.6947

■ 68.7257, 84.4401,
107.2841

■ 82.6214, 92.7711,
108.1597

■ 63.4088, 81.1211,
106.9237

■ 91.3108, 97.8402,
108.6802

■ 59.0977, 78.3245,
106.6111

95.0500, 100.0000,
108.9000

■ 55.7236, 76.0147,
106.3431

■ 53.2088, 74.1518,
106.1161

■ 51.4635, 72.6894,
105.9258

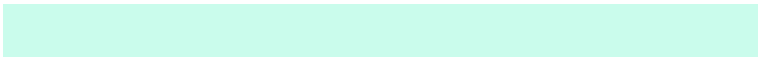
■ 50.3777, 71.5707,
105.7671

■ 49.9448, 71.0096,
105.6816

Harmonies

Analogous

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



74.4489, 88.3101, 92.7038



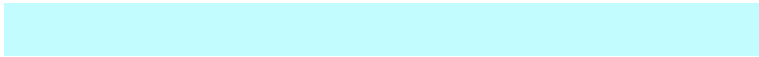
75.1085, 88.3101, 107.6947



78.0868, 88.3101, 120.7235

Triad

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



75.1085, 88.3101, 107.6947



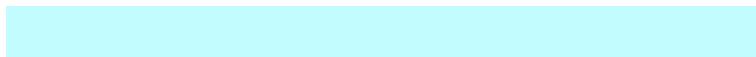
92.1258, 88.3101, 114.3522



85.1617, 88.3101, 70.5698

Complementary

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



75.1085, 88.3101, 107.6947



70.9437, 65.0868, 59.8645

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.



90.0704, 88.3101, 75.1682



75.1085, 88.3101, 107.6947



94.1968, 88.3101, 99.6901

Square

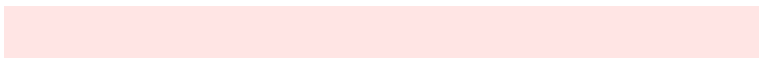
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1085, 88.3101, 107.6947



87.8743, 88.3101, 124.8345



93.4296, 88.3101, 85.4700



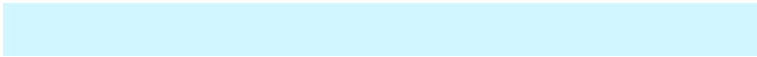
80.1173, 88.3101, 72.2428

Rectangle

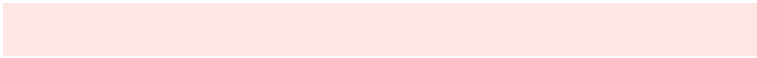
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



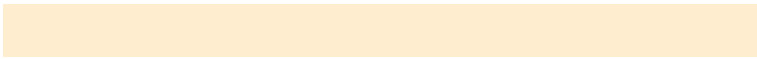
75.1085, 88.3101, 107.6947



81.0549, 88.3101, 126.0334



93.4296, 88.3101, 85.4700



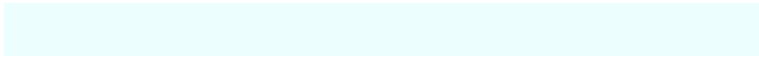
86.8848, 88.3101, 71.4160

Sweetspot

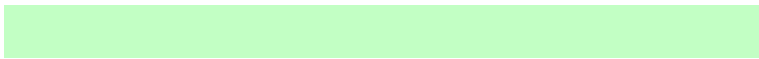
The Sweet Spot groups the original color and five complimentary colors.



75.1108, 88.3136, 107.6952



88.5062, 96.2124, 108.5138



67.9768, 86.9769, 65.4516



18.8292, 20.5266, 23.2196



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

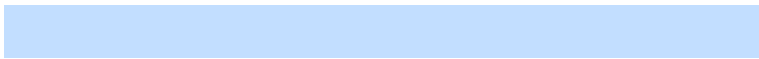
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1108, 88.3136, 107.6952



71.7303, 86.2748, 107.4799



66.5447, 71.1813, 104.8398



18.4739, 20.3195, 23.1983



26.1306, 37.1708, 55.2320



2.5668, 3.6644, 5.3853

Inverse Universe

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



78.1039, 66.8734, 100.8908



75.2448, 61.3164, 99.4413



78.3199, 79.8391, 62.3232



18.7519, 18.2841, 22.5765



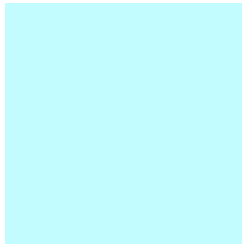
29.9777, 14.4804, 45.3946



2.9302, 1.4145, 4.4799

Previews

White Background



This preview shows how the XYZ color 75.1085, 88.3101, 107.6947 looks on a white background.

Color Contrast Check

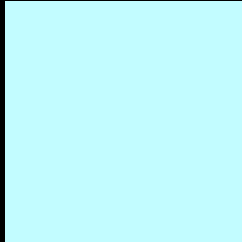
Large Text (above 18pt) WCAG AA × Fail

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 75.1085, 88.3101, 107.6947 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 75.1085, 88.3101, 107.6947

Background



This preview shows how black text looks on a background with the XYZ color 75.1085, 88.3101, 107.6947.

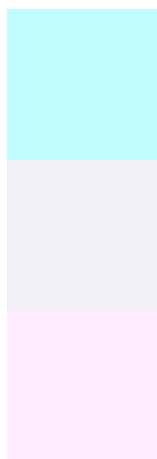


This preview shows how white text looks on a background with the XYZ color 75.1085, 88.3101,

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

75.1085, 88.3101, 107.6947

Protanopia

84.6172, 87.5031, 100.4257

Deuteranopia

88.2663, 87.5193, 106.8485



Tritanopia

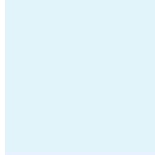
80.5212, 87.8970, 107.3296

Trichromacy



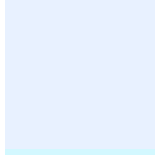
Original Color

75.1085, 88.3101, 107.6947



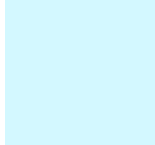
Protanomaly

80.6573, 87.6110, 103.1020



Deuteranomaly

82.7840, 87.2864, 107.0925



Tritanomaly

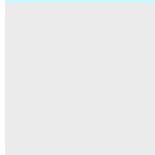
78.4814, 88.2037, 107.4963

Monochromacy



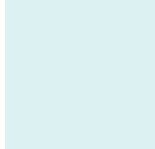
Original Color

75.1085, 88.3101, 107.6947



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.9975, 84.5370, 96.2635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1085, 88.3101, 107.6947 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(194, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 252, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.1085, 88.3101, 107.6947 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(194, 252, 255) }
```


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

```
.border{ border-color:rgb(194, 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(194, 252, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 252,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1085, 88.3101, 107.6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 252, 255) }
```

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

```
.background{ background-color: rgb(194,  
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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