

Converting Colors

XYZ(81.5082, 91.0348,
145.8052)

Have a look what the booklet for
XYZ(81.5082, 91.0348, 145.8052)
contains.

XYZ(74.4105, 88.4177, 107.7522)	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(74.4105, 88.4177,
107.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFDFF
RGB	190, 253, 255
RGB Percent	75%, 99%, 100%
CMY	0.2549, 0.0078, 0.0000
CMYK	0.25, 0.01, 0.00, 0.00
HSL	182°, 100%, 87%
HSV	182°, 25%, 100%
XYZ	74.4105, 88.4177, 107.7522
YIQ	234.3910, -38.1900, -12.7340

Conversions

Conversions Part 2

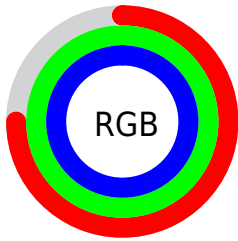
Format	Color
RYB	190, 222, 255
Decimal	12516863
CIELab	95.34, -19.07, -7.35
CIELCh	95, 20.440, 201.062
Yxy	88.4177, 0.2750, 0.3268
Android (android.graphics.Color)	4290706943 (0xFFBEFDFF)
YUV	234.3910, 10.1602, -38.9309
Hunter-Lab	94.0307, -23.2990, -2.1205

Details

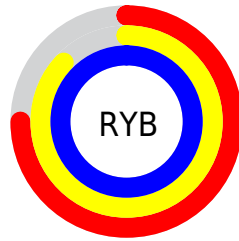
The XYZ color **74.4105, 88.4177, 107.7522** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.3839, 62.6764, 57.1579**, and the grayscale version is **78.4511, 82.5366, 89.8824**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **39.9246, 48.7080, 60.7234** is the 20% darker color. If you saturate the color by 10%, you get **68.3441, 84.9265, 107.3981**, and if you desaturate by 10%, it is **81.5968, 92.4922, 108.1599**.

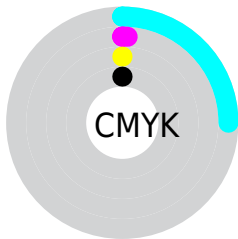
Distribution



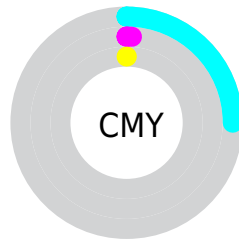
- Red (75%)
- Green (99%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4105, 88.4177, 107.7522 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 74.4105, 88.4177, 107.7522 by changing the saturation by 10% instead.


 74.4105, 88.4177,
107.7522

 74.4105, 88.4177,
107.7522


464.9174,
522.8701, 606.2289

 55.4226, 66.6691,
82.1375


 124.4699,
145.1385, 173.9148

 39.9753, 48.8157,
60.9424


156.2721,
180.8795, 215.2998

 27.7034, 34.4733,
43.7484

193.0764,
222.0534, 262.7786

 18.2415, 23.2575,
30.1370

235.2482,
269.0446, 316.7698

 11.2243, 14.7837,
19.6897

283.1529,
322.2375, 377.6919

 6.2863, 8.6677,
11.9878

337.1557,

 3.0622, 4.5251,

382.0164, 445.9634

6.6130

397.6221,
448.7658, 522.0029

■ 1.1868, 1.9714,
3.1465

■ 0.0959, 0.5908,
1.1699

■ 74.4105, 88.4177,
107.7522

■ 74.4105, 88.4177,
107.7522

■ 68.3441, 84.9265,
107.3981

■ 81.5968, 92.4922,
108.1599

■ 63.3326, 81.9784,
107.0932

■ 89.9498, 97.1675,
108.6221

■ 59.3150, 79.5441,
106.8351

95.0500, 100.0000,
108.9000

■ 56.2212, 77.5876,
106.6205

■ 53.9721, 76.0681,
106.4457

■ 52.4753, 74.9379,
106.3065

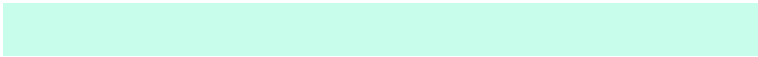
■ 51.6164, 74.1380,
106.1973

■ 51.3635, 73.8470,
106.1545

Harmonies

Analogous

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



73.8706, 88.4177, 91.5723



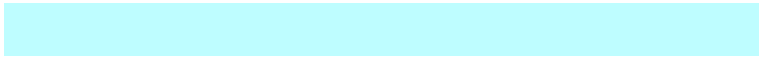
74.4105, 88.4177, 107.7522



77.4686, 88.4177, 122.2287

Triad

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



74.4105, 88.4177, 107.7522



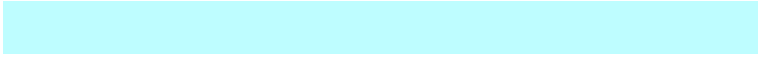
92.6706, 88.4177, 116.9223



85.7178, 88.4177, 68.9753

Complementary

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



74.4105, 88.4177, 107.7522



69.3839, 62.6764, 57.1579

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.



90.9695, 88.4177, 74.2775



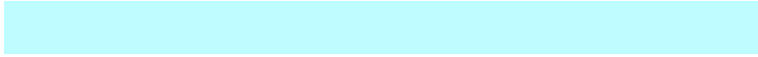
74.4105, 88.4177, 107.7522



95.0988, 88.4177, 101.1295

Square

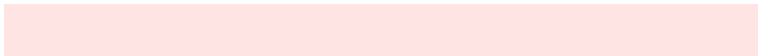
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4105, 88.4177, 107.7522



87.9568, 88.4177, 127.9172



94.4629, 88.4177, 85.6373



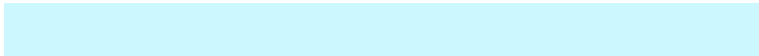
80.2381, 88.4177, 70.3301

Rectangle

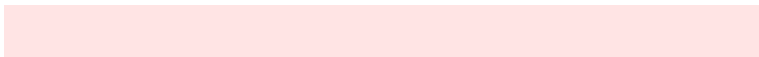
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4105, 88.4177, 107.7522



80.6012, 88.4177, 128.3889



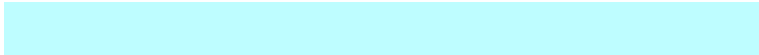
94.4629, 88.4177, 85.6373



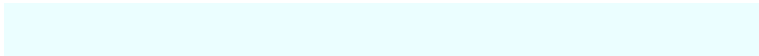
87.5719, 88.4177, 70.0144

Sweetspot

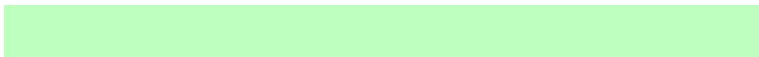
The Sweet Spot groups the original color and five complimentary colors.



74.4128, 88.4212, 107.7528



87.7396, 95.9353, 108.5007



66.4095, 86.2330, 62.4846



18.5042, 20.3801, 23.2084



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

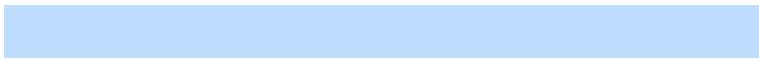
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4128, 88.4212, 107.7528



70.9340, 86.4258, 107.5510



65.2531, 70.1017, 104.6995



18.5042, 20.3801, 23.2084



26.8599, 38.6294, 55.4751



2.6297, 3.7901, 5.4062

Inverse Universe

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



77.3845, 65.1805, 101.4350



74.4173, 59.3558, 100.1072



77.0788, 78.0663, 59.7229



18.7672, 18.2902, 22.6570



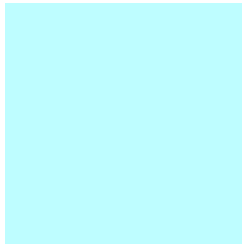
30.3458, 14.6276, 47.3331



2.9620, 1.4272, 4.6471

Previews

White Background



This preview shows how the XYZ color 74.4105, 88.4177, 107.7522 looks on a white background.

Color Contrast Check

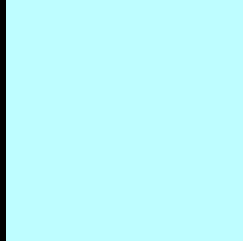
Large Text (above 18pt) WCAG AA × Fail

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 74.4105, 88.4177, 107.7522 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 74.4105, 88.4177, 107.7522

Background



This preview shows how black text looks on a background with the XYZ color 74.4105, 88.4177, 107.7522.

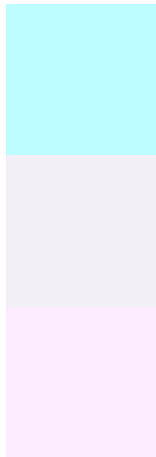


This preview shows how white text looks on a background with the XYZ color 74.4105, 88.4177,

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

74.4105, 88.4177, 107.7522

Protanopia

84.6172, 87.5031, 100.4257

Deuteranopia

88.5535, 88.0936, 106.9442



Tritanopia

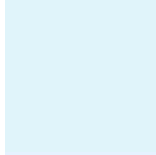
80.5212, 87.8970, 107.3296

Trichromacy



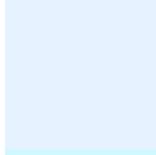
Original Color

74.4105, 88.4177, 107.7522



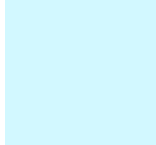
Protanomaly

80.3465, 87.4508, 103.0875



Deuteranomaly

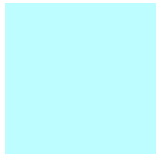
82.4353, 87.5473, 107.1612



Tritanomaly

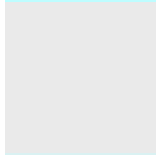
78.1957, 88.0564, 107.4830

Monochromacy



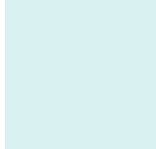
Original Color

74.4105, 88.4177, 107.7522



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

76.3958, 84.2268, 96.2353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4105, 88.4177, 107.7522 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(190, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 253, 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(190, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.4105, 88.4177, 107.7522 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(190, 253, 255) }
```


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

```
.border{ border-color:rgb(190, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4105, 88.4177, 107.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 253, 255) }
```

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

```
.background{ background-color: rgb(190,  
253, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor