

Converting Colors

XYZ(72.4873, 83.1438,
106.8356)

Have a look what the booklet for
XYZ(72.4873, 83.1438, 106.8356)
contains.

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Color

**XYZ(72.6488, 83.3907,
106.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F4FF
RGB	194, 244, 255
RGB Percent	76%, 96%, 100%
CMY	0.2392, 0.0431, 0.0000
CMYK	0.24, 0.04, 0.00, 0.00
HSL	191°, 100%, 88%
HSV	191°, 24%, 100%
XYZ	72.6488, 83.3907, 106.8748
YIQ	230.3040, -33.3310, -7.1790

Conversions

Conversions Part 2

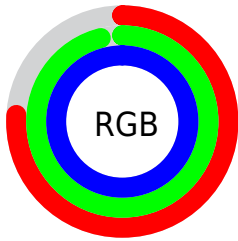
Format	Color
RYB	194, 221, 255
Decimal	12776703
CIELab	93.19, -13.47, -10.51
CIElCh	93, 17.085, 217.975
Yxy	83.3907, 0.2763, 0.3172
Android (android.graphics.Color)	4290966783 (0xFFC2F4FF)
YUV	230.3040, 12.1751, -31.8386
Hunter-Lab	91.3185, -17.8010, -5.4672

Details

The XYZ color **72.6488, 83.3907, 106.8748** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8088, 68.8169, 60.4862**, and the grayscale version is **75.3710, 79.2962, 86.3536**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **38.8237, 45.5326, 60.1685** is the 20% darker color. If you saturate the color by 10%, you get **65.2919, 77.5724, 106.1395**, and if you desaturate by 10%, it is **81.1675, 89.8634, 107.6751**.

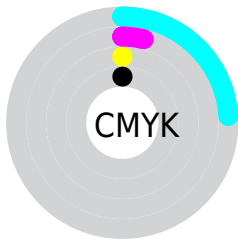
Distribution



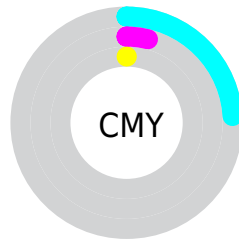
- Red (76%)
- Green (96%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6488, 83.3907, 106.8748 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 72.6488, 83.3907, 106.8748 by changing the saturation by 10% instead.

72.6488, 83.3907,
106.8748

72.6488, 83.3907,
106.8748

458.9194,
506.2877, 603.4501

53.9762, 62.5125,
81.4055

121.9843,
138.1225, 172.7071

38.8132, 45.4469,
60.3427

153.3780,
172.7450, 213.9071

26.7945, 31.8096,
43.2678

189.7427,
212.7176, 261.1878

17.5548, 21.2161,
29.7623

231.4438,
258.4249, 314.9677

10.7285, 13.2821,
19.4077

278.8466,
310.2511, 375.6654

5.9506, 7.6231,
11.7855

332.3166,

2.8554, 3.8547,

368.5807, 443.6993

6.4770

392.2191,
433.7981, 519.4880

■ 1.0778, 1.5926,
3.0638

■ 0.0064, 0.3526,
1.1273

■ 72.6488, 83.3907,
106.8748

■ 72.6488, 83.3907,
106.8748

■ 65.2919, 77.5724,
106.1395

■ 81.1675, 89.8634,
107.6751

■ 59.0326, 72.3688,
105.4650

■ 90.8950, 97.0086,
108.5416

■ 53.8106, 67.7503,
104.8487

■ 95.0500, 100.0000,
108.9000

■ 49.5567, 63.6809,
104.2875

■ 46.1930, 60.1203,
103.7775

■ 43.6296, 57.0215,
103.3145

■ 41.7560, 54.3272,
102.8932

■ 40.8589, 52.8378,
102.6530

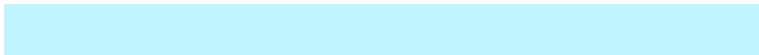
Harmonies

Analogous

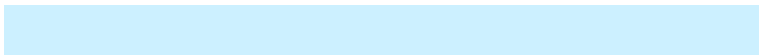
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0155, 83.3907, 94.2713



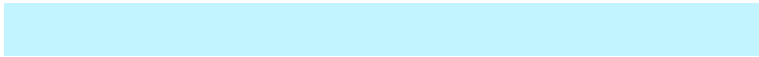
72.6488, 83.3907, 106.8748



76.0671, 83.3907, 115.6974

Triad

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



72.6488, 83.3907, 106.8748



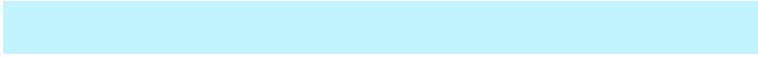
87.5346, 83.3907, 100.3883



78.0688, 83.3907, 68.4506

Complementary

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



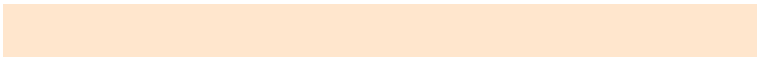
72.6488, 83.3907, 106.8748



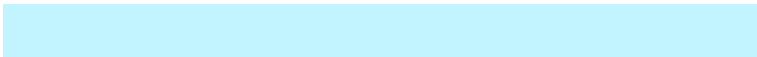
72.8088, 68.8169, 60.4862

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.



82.5418, 83.3907, 69.7553



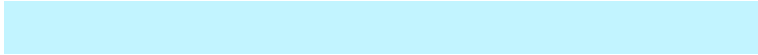
72.6488, 83.3907, 106.8748



88.1198, 83.3907, 87.4116

Square

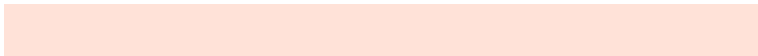
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



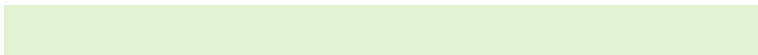
72.6488, 83.3907, 106.8748



84.6912, 83.3907, 111.7130



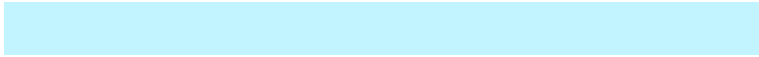
86.2614, 83.3907, 76.4207



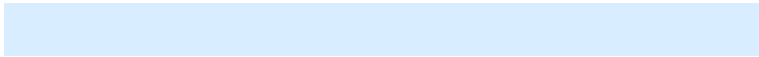
74.0668, 83.3907, 72.6718

Rectangle

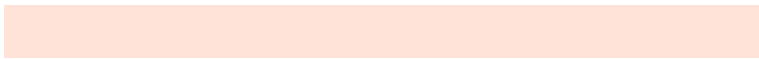
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6488, 83.3907, 106.8748



78.9557, 83.3907, 117.8126



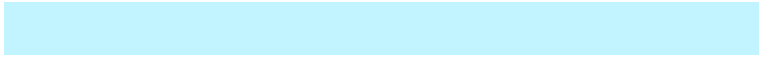
86.2614, 83.3907, 76.4207



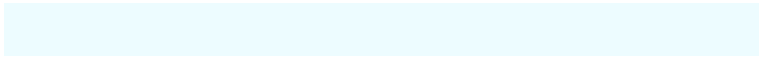
79.5658, 83.3907, 68.2655

Sweetspot

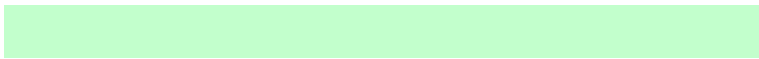
The Sweet Spot groups the original color and five complimentary colors.



72.6510, 83.3940, 106.8753



87.7673, 94.7346, 108.2675



68.9283, 87.3575, 70.4619



18.6576, 20.1833, 23.1624



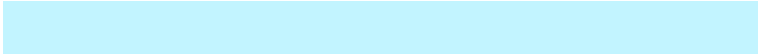
0.0000, 0.0000, 0.0000



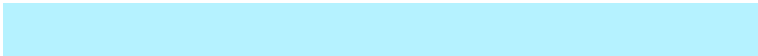
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6510, 83.3940, 106.8753



68.7718, 80.3578, 106.4937



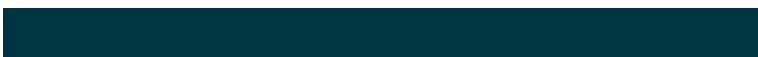
64.4304, 66.9527, 104.1351



18.2600, 19.8916, 23.1270



21.4506, 27.8107, 53.6720



2.1579, 2.8465, 5.2490

Inverse Universe

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



76.8623, 66.3768, 94.3527



73.7515, 60.7191, 91.5776



80.5912, 84.3817, 63.0803



18.6439, 18.2409, 22.0079



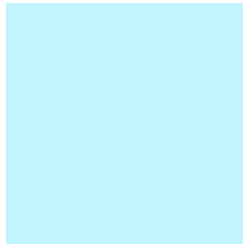
27.6155, 13.5355, 32.9551



2.7238, 1.3319, 3.3930

Previews

White Background



This preview shows how the XYZ color 72.6488, 83.3907, 106.8748 looks on a white background.

Color Contrast Check

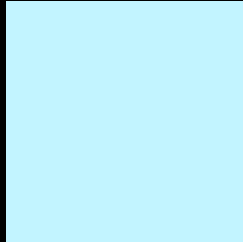
Large Text (above 18pt) WCAG AA × Fail

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 72.6488, 83.3907, 106.8748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

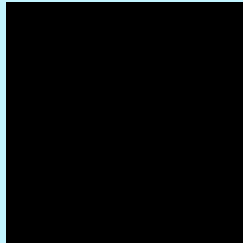
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6488, 83.3907, 106.8748

Background



This preview shows how black text looks on a background with the XYZ color 72.6488, 83.3907, 106.8748.

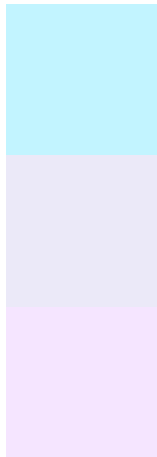


This preview shows how white text looks on a background with the XYZ color 72.6488, 83.3907,

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

72.6488, 83.3907, 106.8748

Protanopia

80.3431, 82.7173, 100.5384

Deuteranopia

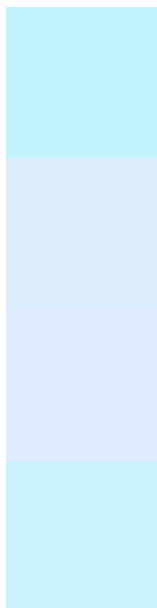
83.7255, 82.6711, 106.1521



Tritanopia

75.2374, 83.3960, 106.7393

Trichromacy



Original Color

72.6488, 83.3907, 106.8748

Protanomaly

77.2120, 82.7491, 103.1694

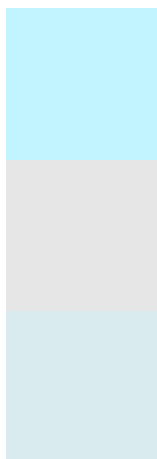
Deuteranomaly

78.8368, 82.2344, 106.3254

Tritanomaly

74.1593, 83.2808, 106.7739

Monochromacy



Original Color

72.6488, 83.3907, 106.8748

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

73.9036, 80.4004, 93.2850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6488, 83.3907, 106.8748 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, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 244, 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, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.6488, 83.3907, 106.8748 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, 244, 255) }
```


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

```
.border{ border-color:rgb(194, 244, 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, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6488, 83.3907, 106.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 244, 255) }
```

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

```
.background{ background-color: rgb(194,  
244, 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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