

Converting Colors

XYZ(71.9327, 80.8035,
106.4131)

Have a look what the booklet for
XYZ(71.9327, 80.8035, 106.4131)
contains.

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Color

**XYZ(71.9425, 80.8233,
106.4164)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C5EFFF |
| RGB | 197, 239, 255 |
| RGB Percent | 77%, 94%, 100% |
| CMY | 0.2274, 0.0627, 0.0000 |
| CMYK | 0.23, 0.06, 0.00, 0.00 |
| HSL | 197°, 100%, 89% |
| HSV | 197°, 23%, 100% |
| XYZ | 71.9425, 80.8233, 106.4164 |
| YIQ | 228.2660, -30.1680, -3.9280 |

Conversions

Conversions Part 2

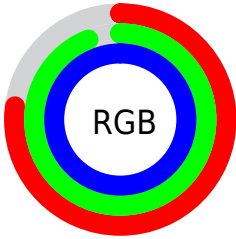
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 197, 221, 255 |
| Decimal | 12972031 |
| CIE _{Lab} | 92.05, -10.07, -12.18 |
| CIE _{LCh} | 92, 15.806, 230.407 |
| Yxy | 80.8233, 0.2776, 0.3118 |
| Android (android.graphics.Color) | 4291162111 (0xFFC5EFFF) |
| YUV | 228.2660, 13.1799, -27.4203 |
| Hunter-Lab | 89.9018, -14.4863, -7.2501 |

Details

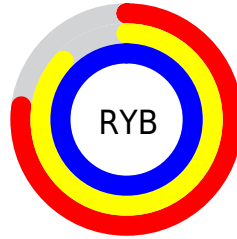
The XYZ color **71.9425, 80.8233, 106.4164** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1123, 72.8791, 62.9335**, and the grayscale version is **73.8617, 77.7082, 84.6243**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.2819, 43.6950, 59.8424** is the 20% darker color. If you saturate the color by 10%, you get **63.8031, 73.6319, 105.4573**, and if you desaturate by 10%, it is **81.2957, 88.7635, 107.4561**.

Distribution



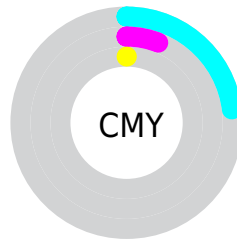
- Red (77%)
- Green (94%)
- Blue (100%)



- Red (77%)
- Yellow (87%)
- Blue (100%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9425, 80.8233, 106.4164 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 71.9425, 80.8233, 106.4164 by changing the saturation by 10% instead.

71.9425, 80.8233,
106.4164

71.9425, 80.8233,
106.4164

456.5022,
497.7031, 601.9957

53.3970, 60.3961,
81.0232

120.9860,
134.5226, 172.0757

38.3485, 43.7380,
60.0296

152.2148,
168.5635, 213.1789

26.4317, 30.4646,
43.0170

188.4019,
207.9111, 260.3558

17.2813, 20.1915,
29.5670

229.9129,
252.9498, 314.0251

10.5318, 12.5343,
19.2609

277.1131,
304.0639, 374.6051

5.8179, 7.1087,
11.6802

330.3678,

2.7743, 3.5301,

361.6379, 442.5145

6.4064

390.0424,
426.0562, 518.1719

■ 1.0355, 1.4144,
3.0210

■ 0.0000, 0.2273,
1.1054

■ 71.9425, 80.8233,
106.4164

■ 71.9425, 80.8233,
106.4164

■ 63.8031, 73.6319,
105.4573

■ 81.2957, 88.7635,
107.4561

■ 56.8134, 67.1487,
104.5744

■ 91.9100, 97.4720,
108.5775

■ 50.9128, 61.3433,
103.7648

■ 95.0500, 100.0000,
108.9000

■ 46.0325, 56.1787,
103.0251

■ 42.0951, 51.6137,
102.3515

■ 39.0115, 47.6008,
101.7395

■ 36.6737, 44.0830,
101.1837

■ 35.3304, 41.7808,
100.8101

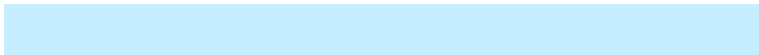
Harmonies

Analogous

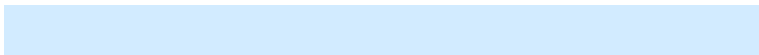
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.7205, 80.8233, 96.0464



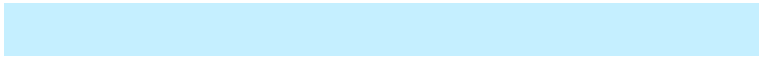
71.9425, 80.8233, 106.4164



75.5241, 80.8233, 111.9879

Triad

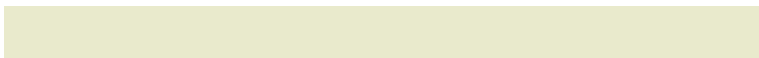
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.9425, 80.8233, 106.4164



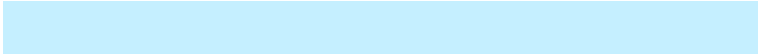
84.7928, 80.8233, 91.7887



74.1252, 80.8233, 68.6346

Complementary

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



71.9425, 80.8233, 106.4164



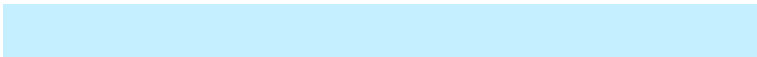
75.1123, 72.8791, 62.9335

Split Complementary

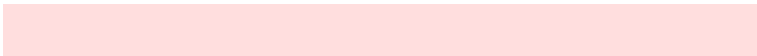
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1309, 80.8233, 67.7130



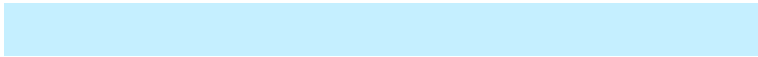
71.9425, 80.8233, 106.4164



84.3860, 80.8233, 80.4214

Square

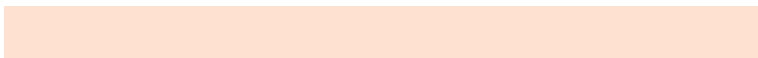
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



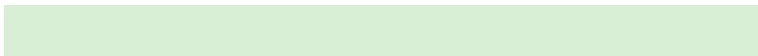
71.9425, 80.8233, 106.4164



83.0060, 80.8233, 103.0644



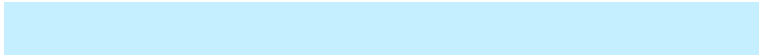
81.9134, 80.8233, 71.8462



70.9495, 80.8233, 74.4852

Rectangle

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



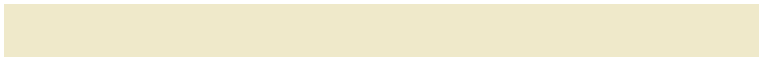
71.9425, 80.8233, 106.4164



78.2416, 80.8233, 111.9230



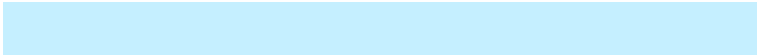
81.9134, 80.8233, 71.8462



75.4160, 80.8233, 67.7594

Sweetspot

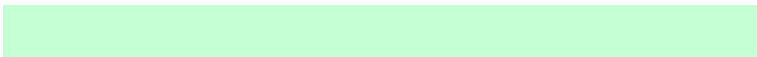
The Sweet Spot groups the original color and five complimentary colors.



71.9447, 80.8265, 106.4169



87.2347, 93.6695, 108.0900



70.7297, 88.1679, 75.8883



18.5340, 19.9362, 23.1212



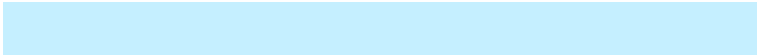
0.0000, 0.0000, 0.0000



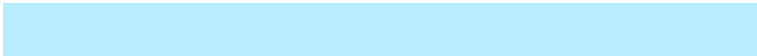
20.3446, 21.4041, 23.3091

Same Dimension

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



71.9447, 80.8265, 106.4169



68.3349, 77.6754, 105.9990



64.2559, 65.4490, 103.8540



18.1064, 19.5845, 23.0758



18.5925, 22.0945, 52.7193



1.9019, 2.3345, 5.1636

Inverse Universe

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



76.7877, 67.4262, 90.6324



73.9725, 62.4978, 87.5301



82.9122, 88.4790, 65.5335



18.5664, 18.2099, 21.5996



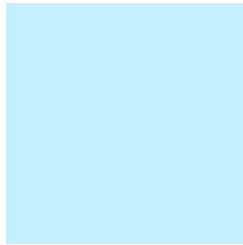
26.1728, 12.9584, 25.3582



2.5946, 1.2802, 2.7125

Previews

White Background



This preview shows how the XYZ color 71.9425, 80.8233, 106.4164 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 71.9425, 80.8233, 106.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

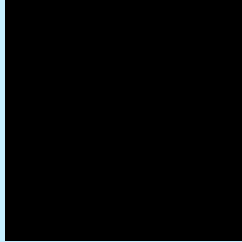
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.9425, 80.8233, 106.4164

Background



This preview shows how black text looks on a background with the XYZ color 71.9425, 80.8233, 106.4164.

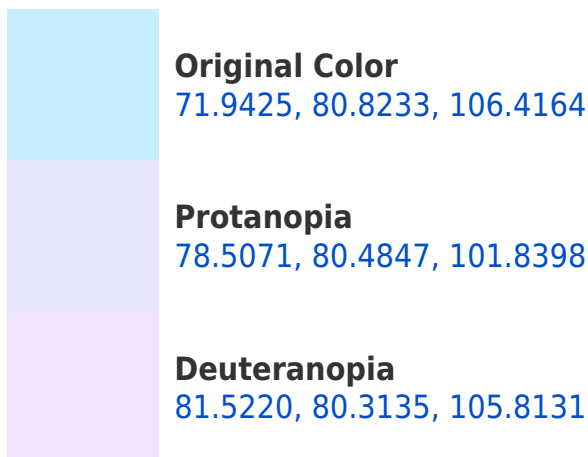


This preview shows how white text looks on a background with the XYZ color 71.9425, 80.8233,

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





Tritanopia

72.9817, 80.9256, 106.3814

Trichromacy



Original Color

71.9425, 80.8233, 106.4164

Protanomaly

75.9230, 80.3662, 103.6061

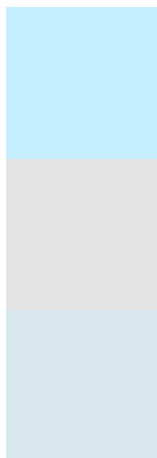
Deuteranomaly

77.6773, 80.3794, 106.0285

Tritanomaly

72.4440, 80.6484, 106.3562

Monochromacy



Original Color

71.9425, 80.8233, 106.4164

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.9045, 78.6380, 92.2251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9425, 80.8233, 106.4164 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(197, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 239, 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(197, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.9425, 80.8233, 106.4164 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(197, 239, 255) }
```


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

```
.border{ border-color:rgb(197, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9425, 80.8233, 106.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 239, 255) }
```

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

```
.background{ background-color: rgb(197,  
239, 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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