

Converting Colors

XYZ(72.6608, 82.0570,
113.6740)

Have a look what the booklet for
XYZ(72.6608, 82.0570, 113.6740)
contains.

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Color

**XYZ(71.2435, 81.3371,
106.5524)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C0F1FF |
| RGB | 192, 241, 255 |
| RGB Percent | 75%, 95%, 100% |
| CMY | 0.2470, 0.0549, 0.0000 |
| CMYK | 0.25, 0.05, 0.00, 0.00 |
| HSL | 193°, 100%, 88% |
| HSV | 193°, 25%, 100% |
| XYZ | 71.2435, 81.3371, 106.5524 |
| YIQ | 227.9450, -33.6980, -6.0340 |

Conversions

Conversions Part 2

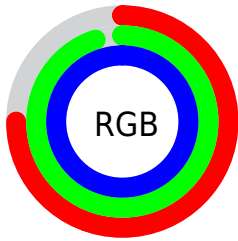
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 192, 220, 255 |
| Decimal | 12644863 |
| CIE _{Lab} | 92.28, -12.54, -11.87 |
| CIE _{LCh} | 92, 17.267, 223.431 |
| Yxy | 81.3371, 0.2749, 0.3139 |
| Android (android.graphics.Color) | 4290834943 (0xFFC0F1FF) |
| YUV | 227.9450, 13.3381, -31.5238 |
| Hunter-Lab | 90.1871, -16.8209, -6.9178 |

Details

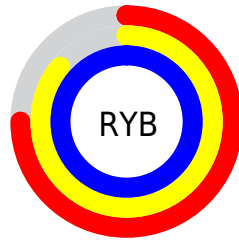
The XYZ color **71.2435, 81.3371, 106.5524** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.8256, 69.2076, 59.3909**, and the grayscale version is **73.6277, 77.4620, 84.3562**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **37.8585, 44.0935, 59.9416** is the 20% darker color. If you saturate the color by 10%, you get **63.6872, 74.9929, 105.7261**, and if you desaturate by 10%, it is **79.9749, 88.3686, 107.4495**.

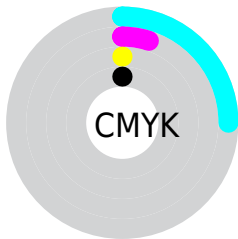
Distribution



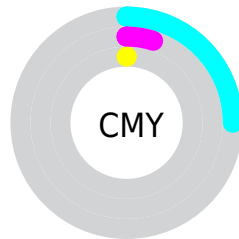
- Red (75%)
- Green (95%)
- Blue (100%)



- Red (75%)
- Yellow (86%)
- Blue (100%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2435, 81.3371, 106.5524 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 71.2435, 81.3371, 106.5524 by changing the saturation by 10% instead.

71.2435, 81.3371,
106.5524

71.2435, 81.3371,
106.5524

454.1028,
499.4276, 602.4274

52.8242, 60.8193,
81.1366

119.9970,
135.2440, 172.2631

37.8893, 44.0793,
60.1225

151.0619,
169.4019, 213.3950

26.0736, 30.7329,
43.0914

187.0727,
208.8752, 260.6027

17.0117, 20.3955,
29.6249

228.3948,
254.0484, 314.3048

10.3382, 12.6829,
19.3044

275.3935,
305.3058, 374.9198

5.6877, 7.2105,
11.7114

328.4341,

2.6950, 3.5941,

363.0319, 442.8662

6.4273

387.8821,
427.6110, 518.5625

■ 0.9946, 1.4492,
3.0337

■ 0.0000, 0.2526,
1.1119

■ 71.2435, 81.3371,
106.5524

■ 71.2435, 81.3371,
106.5524

■ 63.6872, 74.9929,
105.7261

■ 79.9749, 88.3686,
107.4495

■ 57.2414, 69.2958,
104.9662

■ 89.9288, 96.1065,
108.4184

■ 51.8449, 64.2157,
104.2701

95.0500, 100.0000,
108.9000

■ 47.4277, 59.7157,
103.6343

■ 43.9110, 55.7546,
103.0551

■ 41.2033, 52.2843,
102.5280

■ 39.1918, 49.2461,
102.0476

■ 38.3242, 47.7685,
101.8081

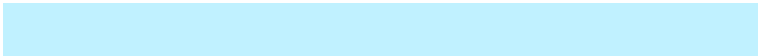
Harmonies

Analogous

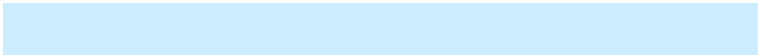
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2598, 81.3371, 94.3934



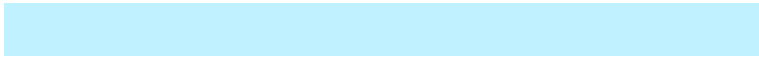
71.2435, 81.3371, 106.5524



74.8874, 81.3371, 114.2642

Triad

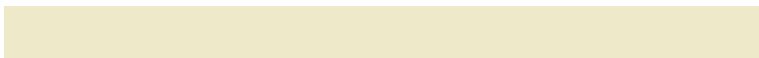
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2435, 81.3371, 106.5524



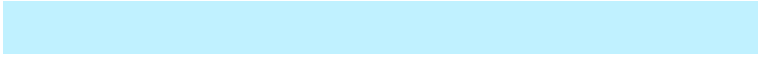
85.8273, 81.3371, 95.7561



75.3326, 81.3371, 66.7472

Complementary

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



71.2435, 81.3371, 106.5524



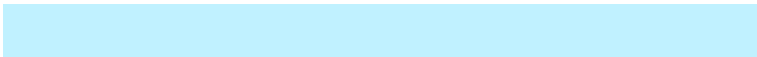
72.8256, 69.2076, 59.3909

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.



79.7812, 81.3371, 67.0361



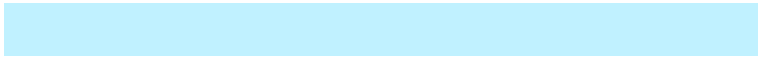
71.2435, 81.3371, 106.5524



85.9578, 81.3371, 82.9764

Square

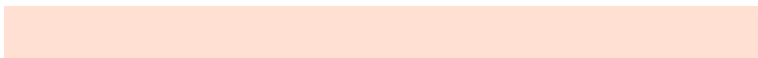
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2435, 81.3371, 106.5524



83.3584, 81.3371, 107.6324



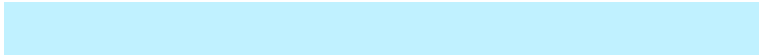
83.7082, 81.3371, 72.7204



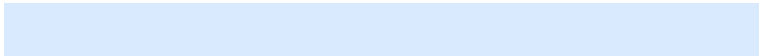
71.5586, 81.3371, 71.8892

Rectangle

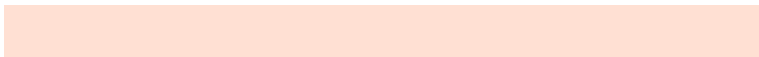
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



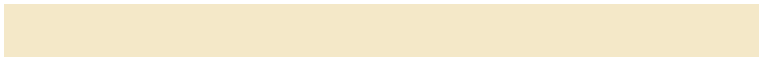
71.2435, 81.3371, 106.5524



77.8231, 81.3371, 115.4251



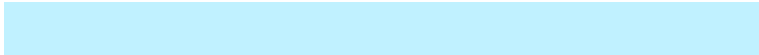
83.7082, 81.3371, 72.7204



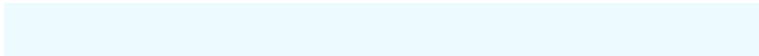
76.7961, 81.3371, 66.2285

Sweetspot

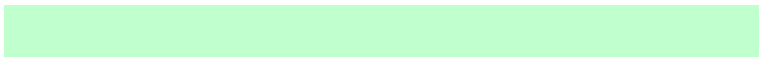
The Sweet Spot groups the original color and five complimentary colors.



71.2457, 81.3403, 106.5529



87.5331, 94.2663, 108.1895



68.5973, 87.1662, 71.3806



18.6032, 20.0747, 23.1443



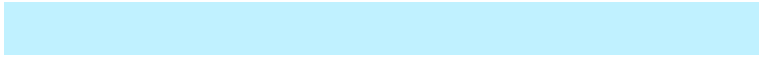
0.0000, 0.0000, 0.0000



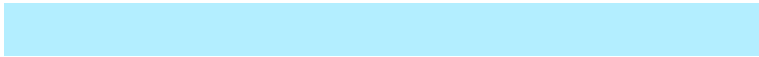
20.3446, 21.4041, 23.3091

Same Dimension

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



71.2457, 81.3403, 106.5529



67.1011, 77.8963, 106.1066



62.7990, 64.4470, 103.7374



18.1924, 19.7565, 23.1045



20.1415, 25.1925, 53.2357



2.0414, 2.6134, 5.2101

Inverse Universe

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



75.9682, 65.3117, 91.8253



72.6934, 59.4735, 88.5410



81.0826, 85.7216, 62.1433



18.6098, 18.2272, 21.8282



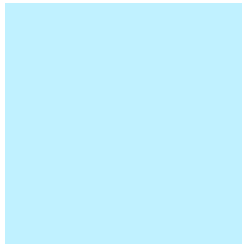
26.9547, 13.2712, 29.4755



2.6650, 1.3084, 3.0832

Previews

White Background



This preview shows how the XYZ color 71.2435, 81.3371, 106.5524 looks on a white background.

Color Contrast Check

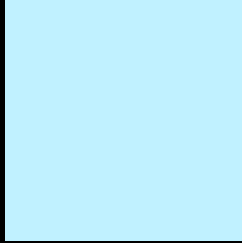
Large Text (above 18pt) WCAG AA × Fail

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 71.2435, 81.3371, 106.5524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

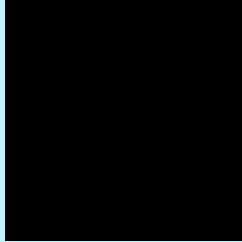
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2435, 81.3371, 106.5524

Background



This preview shows how black text looks on a background with the XYZ color 71.2435, 81.3371, 106.5524.

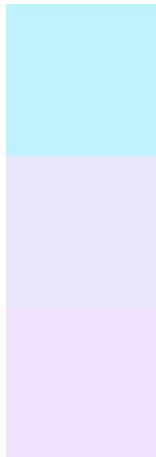


This preview shows how white text looks on a background with the XYZ color 71.2435, 81.3371,

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

71.2435, 81.3371, 106.5524

Protanopia

78.9535, 81.1472, 101.1242

Deuteranopia

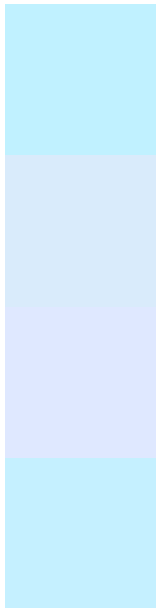
81.7947, 80.8589, 105.9040



Tritanopia

72.7359, 81.2324, 106.4536

Trichromacy



Original Color

71.2435, 81.3371, 106.5524

Protanomaly

75.7362, 81.1334, 102.9354

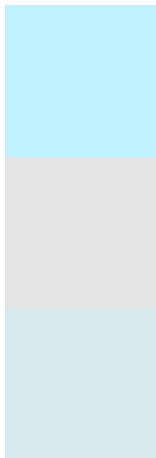
Deuteranomaly

77.3380, 80.6212, 106.0930

Tritanomaly

72.2360, 81.4105, 106.5143

Monochromacy



Original Color

71.2435, 81.3371, 106.5524

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.5959, 78.8979, 92.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2435, 81.3371, 106.5524 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(192, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 241, 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(192, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.2435, 81.3371, 106.5524 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(192, 241, 255) }
```


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

```
.border{ border-color:rgb(192, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2435, 81.3371, 106.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 241, 255) }
```

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

```
.background{ background-color: rgb(192,  
241, 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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