

Converting Colors

XYZ(66.2790, 70.6459,
104.7505)

Have a look what the booklet for
XYZ(66.2790, 70.6459, 104.7505)
contains.

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Color

**XYZ(66.1546, 70.4022,
104.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DDFF
RGB	194, 221, 255
RGB Percent	76%, 87%, 100%
CMY	0.2392, 0.1333, 0.0000
CMYK	0.24, 0.13, 0.00, 0.00
HSL	213°, 100%, 88%
HSV	213°, 24%, 100%
XYZ	66.1546, 70.4022, 104.7100
YIQ	216.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

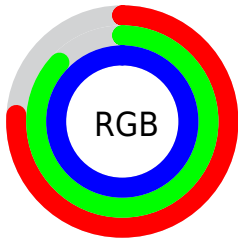
Format	Color
RYB	194, 213, 255
Decimal	12770815
CIELab	87.19, -1.69, -19.49
CIELCh	87, 19.565, 265.040
Yxy	70.4022, 0.2742, 0.2918
Android (android.graphics.Color)	4290960895 (0xFFC2DDFF)
YUV	216.8030, 18.8311, -19.9982
Hunter-Lab	83.9060, -6.0995, -15.2564

Details

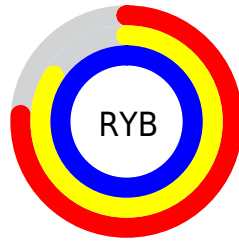
The XYZ color **66.1546, 70.4022, 104.7100** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78.7210, 80.6414, 62.4571**, and the grayscale version is **65.7085, 69.1305, 75.2831**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **34.4767, 36.8386, 58.7195** is the 20% darker color. If you saturate the color by 10%, you get **56.5683, 60.1252, 103.2316**, and if you desaturate by 10%, it is **77.1854, 81.8989, 106.3477**.

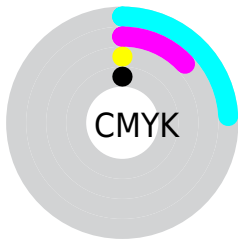
Distribution



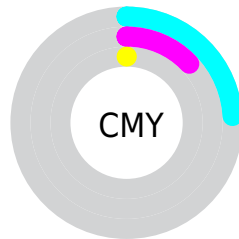
- Red (76%)
- Green (87%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1546, 70.4022, 104.7100 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 66.1546, 70.4022, 104.7100 by changing the saturation by 10% instead.

■ 66.1546, 70.4022,
104.7100

■ 66.1546, 70.4022,
104.7100

436.4095,
461.9609, 596.5653

■ 48.6661, 51.8545,
79.6011

■ 112.7647,
119.7821, 169.7230

■ 34.5681, 36.8891,
58.8659

142.6170,
151.3832, 210.4642

■ 23.4953, 25.1216,
42.0859

177.3212,
188.1041, 257.2533

■ 15.0824, 16.1677,
28.8425

217.2428,
230.3293, 310.5087

■ 8.9639, 9.6429,
18.7171

262.7471,
278.4432, 370.6491

■ 4.7746, 5.1628,
11.2913

314.1994,

■ 2.1490, 2.3431,

332.8302, 438.0930

6.1465

371.9651,
393.8746, 513.2588

■ 0.7157, 0.7964,
2.8641

■ 0.0000, 0.0000,
1.0257

■ 66.1546, 70.4022,
104.7100

■ 66.1546, 70.4022,
104.7100

■ 56.5683, 60.1252,
103.2316

■ 77.1854, 81.8989,
106.3477

■ 48.3555, 51.0145,
101.9059

■ 89.7156, 94.6496,
108.1484

■ 41.4477, 43.0244,
100.7278

■ 95.0500, 100.0000,
108.9000

■ 35.7674, 36.1023,
99.6910

■ 31.2283, 30.1907,
98.7892

■ 27.7311, 25.2244,
98.0150

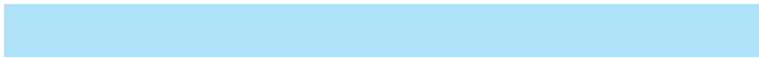
■ 25.1560, 21.1273,
97.3599

■ 23.9417, 19.0034,
97.0139

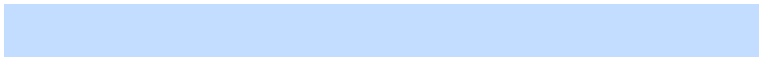
Harmonies

Analogous

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



61.9821, 70.4022, 99.3046



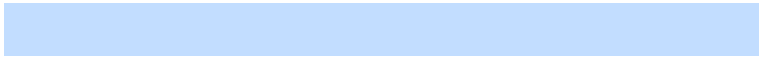
66.1546, 70.4022, 104.7100



70.7224, 70.4022, 101.9257

Triad

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



66.1546, 70.4022, 104.7100



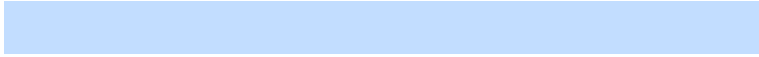
75.2382, 70.4022, 66.4434



59.9364, 70.4022, 63.0597

Complementary

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



66.1546, 70.4022, 104.7100



78.7210, 80.6414, 62.4571

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.



63.2471, 70.4022, 55.9516



66.1546, 70.4022, 104.7100



72.1033, 70.4022, 57.7429

Square

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



66.1546, 70.4022, 104.7100



76.1030, 70.4022, 78.8634



67.6816, 70.4022, 54.1219



58.4983, 70.4022, 74.4902

Rectangle

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



66.1546, 70.4022, 104.7100



73.3596, 70.4022, 95.9493



67.6816, 70.4022, 54.1219



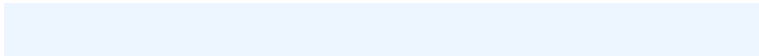
60.8597, 70.4022, 60.1396

Sweetspot

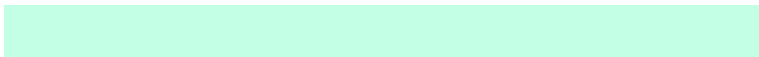
The Sweet Spot groups the original color and five complimentary colors.



66.1565, 70.4050, 104.7104



85.6932, 90.5864, 107.5761



71.9503, 88.5663, 86.3755



18.1768, 19.2218, 23.0021



0.0000, 0.0000, 0.0000



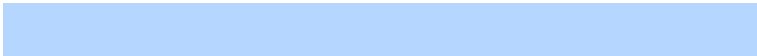
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1565, 70.4050, 104.7104



61.1100, 65.0342, 103.9398



60.3823, 57.6825, 102.5591



17.6648, 18.7012, 22.9286



12.6533, 10.2161, 50.7396



1.3388, 1.2083, 4.9759

Inverse Universe

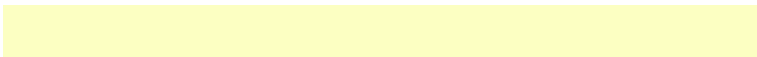
The Inverse Universe completely reimagines the original color for something new.



73.5842, 65.0657, 77.0903



69.8842, 59.1721, 71.2126



85.6248, 96.1013, 65.0773



18.3435, 18.1207, 20.4258



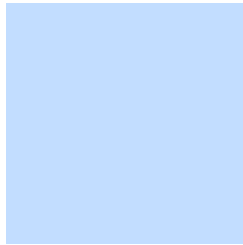
23.1750, 11.7593, 9.5719



2.3104, 1.1665, 1.2158

Previews

White Background



This preview shows how the XYZ color 66.1546, 70.4022, 104.7100 looks on a white background.

Color Contrast Check

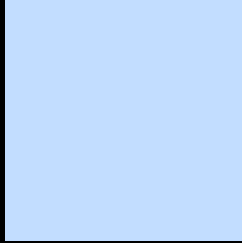
Large Text (above 18pt) WCAG AA × Fail

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 66.1546, 70.4022, 104.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

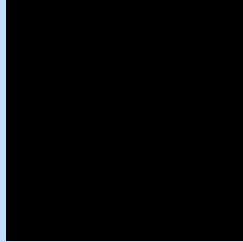
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

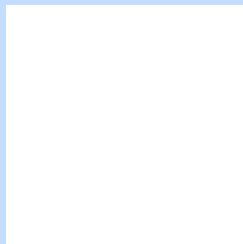
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1546, 70.4022, 104.7100

Background



This preview shows how black text looks on a background with the XYZ color 66.1546, 70.4022, 104.7100.



This preview shows how white text looks on a background with the XYZ color 66.1546, 70.4022,

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

66.1546, 70.4022, 104.7100

Protanopia

69.2779, 70.1371, 101.9819

Deuteranopia

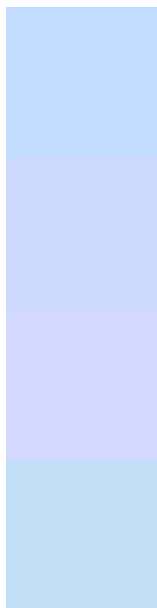
71.3594, 70.0241, 104.3627



Tritanopia

63.7507, 70.2026, 93.4095

Trichromacy



Original Color

66.1546, 70.4022, 104.7100

Protanomaly

67.9779, 70.2138, 102.8983

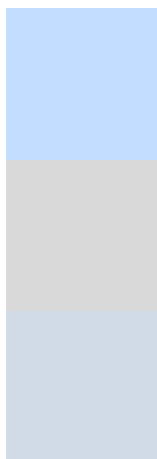
Deuteranomaly

69.4698, 70.1806, 104.4925

Tritanomaly

64.4941, 70.1028, 97.3208

Monochromacy



Original Color

66.1546, 70.4022, 104.7100

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7897, 69.4676, 85.5424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1546, 70.4022, 104.7100 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, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 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, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.1546, 70.4022, 104.7100 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, 221, 255) }
```


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

```
.border{ border-color:rgb(194, 221, 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, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1546, 70.4022, 104.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 255) }
```

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

```
.background{ background-color: rgb(194,  
221, 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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