

Converting Colors

XYZ(66.3258, 68.7361,
104.3794)

Have a look what the booklet for
XYZ(66.3258, 68.7361, 104.3794)
contains.

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Color

**XYZ(66.1591, 68.4738,
104.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D8FF
RGB	199, 216, 255
RGB Percent	78%, 85%, 100%
CMY	0.2196, 0.1529, 0.0000
CMYK	0.22, 0.15, 0.00, 0.00
HSL	222°, 100%, 89%
HSV	222°, 22%, 100%
XYZ	66.1591, 68.4738, 104.3376
YIQ	215.3630, -22.6510, 8.5250

Conversions

Conversions Part 2

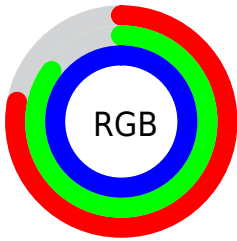
Format	Color
R _Y B	199, 212, 255
Decimal	13097215
CIE Lab	86.24, 2.42, -20.90
CIE LCh	86, 21.036, 276.598
Yxy	68.4738, 0.2769, 0.2865
Android (android.graphics.Color)	4291287295 (0xFFC7D8FF)
YUV	215.3630, 19.5410, -14.3504
Hunter-Lab	82.7489, -2.0969, -16.8342

Details

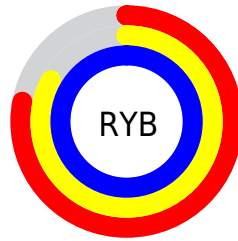
The XYZ color **66.1591, 68.4738, 104.3376** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1234, 86.5321, 66.4088**, and the grayscale version is **64.7216, 68.0921, 74.1523**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4395, 35.4962, 58.4624** is the 20% darker color. If you saturate the color by 10%, you get **55.6455, 56.6626, 102.6119**, and if you desaturate by 10%, it is **78.3018, 81.8582, 106.2810**.

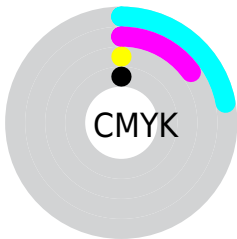
Distribution



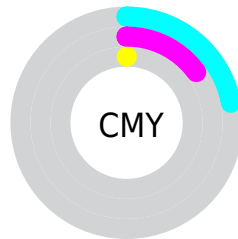
- Red (78%)
- Green (85%)
- Blue (100%)



- Red (78%)
- Yellow (83%)
- Blue (100%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1591, 68.4738, 104.3376 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 66.1591, 68.4738, 104.3376 by changing the saturation by 10% instead.

■ 66.1591, 68.4738,
104.3376

■ 66.1591, 68.4738,
104.3376

436.4253,
455.1729, 595.3767

■ 48.6697, 50.2833,
79.2910

112.7711,
117.0297, 169.2090

■ 34.5710, 35.6385,
58.6123

142.6245,
148.1639, 209.8709

■ 23.4976, 24.1552,
41.8832

177.3299,
184.3814, 256.5750

■ 15.0841, 15.4488,
28.6849

217.2528,
226.0666, 309.7398

■ 8.9651, 9.1349,
18.5991

262.7584,
273.6040, 369.7838

■ 4.7754, 4.8293,
11.2071

314.2121,

■ 2.1495, 2.1475,

327.3779, 437.1256

6.0904

371.9793,
387.7727, 512.1837

■ 0.7159, 0.6911,
2.8304

■ 0.0000, 0.0000,
1.0087

■ 66.1591, 68.4738,
104.3376

■ 66.1591, 68.4738,
104.3376

■ 55.6455, 56.6626,
102.6119

■ 78.3018, 81.8582,
106.2810

■ 46.6833, 46.3562,
101.0949

■ 92.1354, 96.8644,
108.4484

■ 39.1968, 37.4931,
99.7787

■ 95.0500, 100.0000,
108.9000

■ 33.1013, 30.0039,
98.6545

■ 28.3027, 23.8129,
97.7124

■ 24.6943, 18.8358,
96.9419

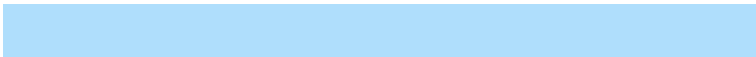
■ 22.1499, 14.9762,
96.3310

■ 20.7334, 12.5868,
95.9445

Harmonies

Analogous

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



61.4505, 68.4738, 101.8323



66.1591, 68.4738, 104.3376



70.7983, 68.4738, 98.1031

Triad

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



66.1591, 68.4738, 104.3376



72.8548, 68.4738, 59.7485



56.8984, 68.4738, 64.4499

Complementary

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



66.1591, 68.4738, 104.3376



82.1234, 86.5321, 66.4088

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.



59.6825, 68.4738, 55.1154



66.1591, 68.4738, 104.3376



68.8544, 68.4738, 52.6457

Square

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



66.1591, 68.4738, 104.3376



74.7862, 68.4738, 71.5311



64.0172, 68.4738, 51.0611



56.2564, 68.4738, 77.6656

Rectangle

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



66.1591, 68.4738, 104.3376



73.1768, 68.4738, 90.2361



64.0172, 68.4738, 51.0611



57.6078, 68.4738, 60.8070

Sweetspot

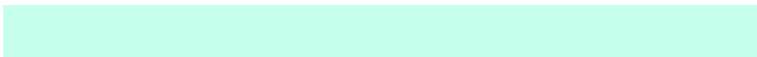
The Sweet Spot groups the original color and five complimentary colors.



66.1610, 68.4765, 104.3380



84.9470, 89.0941, 107.3274



74.6392, 89.7926, 93.7238



18.0042, 18.8767, 22.9446



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.



66.1610, 68.4765, 104.3380



61.7205, 63.5177, 103.6149



64.8449, 61.6629, 103.0922



17.4526, 18.2769, 22.8579



10.9479, 6.8053, 50.1711



1.1572, 0.8452, 4.9154

Inverse Universe

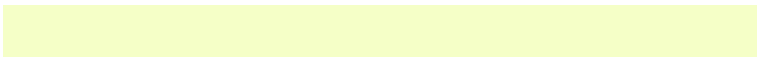
The Inverse Universe completely reimagines the original color for something new.



74.0594, 67.0664, 74.0104



70.8606, 62.1213, 68.4667



83.6326, 95.0083, 67.9653



18.2364, 18.0779, 19.8619



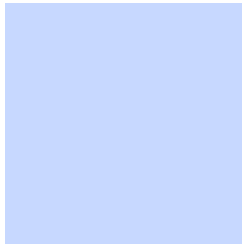
22.3142, 11.4150, 5.0389



2.2187, 1.1299, 0.7333

Previews

White Background



This preview shows how the XYZ color 66.1591, 68.4738, 104.3376 looks on a white background.

Color Contrast Check

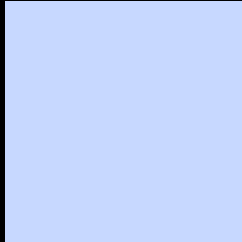
Large Text (above 18pt) WCAG AA × Fail

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 66.1591, 68.4738, 104.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

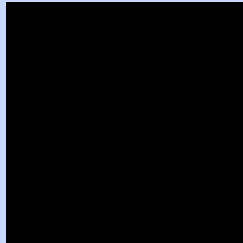
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1591, 68.4738, 104.3376

Background



This preview shows how black text looks on a background with the XYZ color 66.1591, 68.4738, 104.3376.



This preview shows how white text looks on a background with the XYZ color 66.1591, 68.4738,

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

66.1591, 68.4738, 104.3376

Protanopia

67.7886, 68.5949, 102.5958

Deuteranopia

69.9595, 68.5602, 104.1539



Tritanopia

63.1233, 68.3796, 89.9924

Trichromacy



Original Color

66.1591, 68.4738, 104.3376

Protanomaly

67.3667, 68.7358, 103.4827

Deuteranomaly

68.4226, 68.5101, 104.2253

Tritanomaly

64.1655, 68.4102, 95.4106

Monochromacy



Original Color

66.1591, 68.4738, 104.3376

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.8779, 67.8694, 84.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1591, 68.4738, 104.3376 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(199, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 216, 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(199, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.1591, 68.4738, 104.3376 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(199, 216, 255) }
```


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

```
.border{ border-color:rgb(199, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1591, 68.4738, 104.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 216, 255) }
```

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

```
.background{ background-color: rgb(199,  
216, 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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