

Converting Colors

XYZ(68.3896, 69.6570,
113.9884)

Have a look what the booklet for
XYZ(68.3896, 69.6570, 113.9884)
contains.

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Color

**XYZ(66.6823, 69.1251,
104.4357)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D9FF
RGB	200, 217, 255
RGB Percent	78%, 85%, 100%
CMY	0.2157, 0.1490, 0.0000
CMYK	0.22, 0.15, 0.00, 0.00
HSL	221°, 100%, 89%
HSV	221°, 22%, 100%
XYZ	66.6823, 69.1251, 104.4357
YIQ	216.2490, -22.3300, 8.2140

Conversions

Conversions Part 2

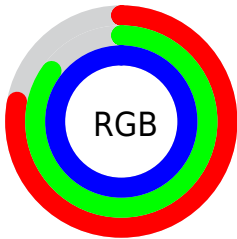
Format	Color
R _{YB}	200, 213, 255
Decimal	13163007
CIE Lab	86.57, 2.19, -20.40
CIE LCh	87, 20.518, 276.125
Yxy	69.1251, 0.2776, 0.2877
Android (android.graphics.Color)	4291353087 (0xFFC8D9FF)
YUV	216.2490, 19.1042, -14.2504
Hunter-Lab	83.1415, -2.3346, -16.2763

Details

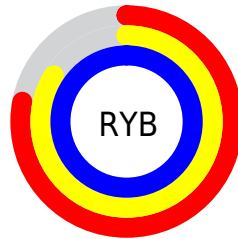
The XYZ color **66.6823, 69.1251, 104.4357** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.2397, 86.5784, 67.0222**, and the grayscale version is **65.3264, 68.7284, 74.8452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7904, 35.9376, 58.5291** is the 20% darker color. If you saturate the color by 10%, you get **56.1305, 57.3020, 102.7097**, and if you desaturate by 10%, it is **78.8585, 82.5087, 106.3772**.

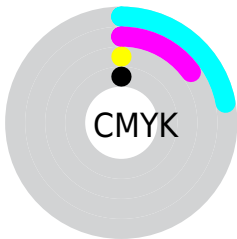
Distribution



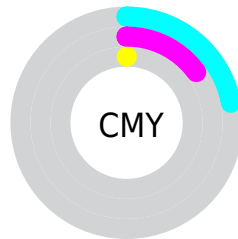
- Red (78%)
- Green (85%)
- Blue (100%)



- Red (78%)
- Yellow (84%)
- 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 66.6823, 69.1251, 104.4357 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 66.6823, 69.1251, 104.4357 by changing the saturation by 10% instead.

■ 66.6823, 69.1251,
104.4357

■ 66.6823, 69.1251,
104.4357

438.2633,
457.4721, 595.6900

■ 49.0962, 50.8136,
79.3727

113.5174,
117.9602, 169.3445

■ 34.9107, 36.0603,
58.6791

143.4971,
149.2527, 210.0273

■ 23.7603, 24.4808,
41.9366

178.3387,
185.6409, 256.7537

■ 15.2797, 15.6906,
28.7264

218.4077,
227.5092, 309.9424

■ 9.1035, 9.3055,
18.6302

264.0692,
275.2421, 370.0118

■ 4.8664, 4.9410,
11.2293

315.6888,

■ 2.2030, 2.2127,

329.2240, 437.3805

6.1051

373.6317,
389.8391, 512.4670

■ 0.7443, 0.7269,
2.8393

■ 0.0000, 0.0000,
1.0132

■ 66.6823, 69.1251,
104.4357

■ 66.6823, 69.1251,
104.4357

■ 56.1305, 57.3020,
102.7097

■ 78.8585, 82.5087,
106.3772

■ 47.1260, 46.9718,
101.1904

■ 92.7201, 97.5005,
108.5403

■ 39.5935, 38.0741,
99.8700

■ 95.0500, 100.0000,
108.9000

■ 33.4491, 30.5404,
98.7397

■ 28.5998, 24.2965,
97.7901

■ 24.9399, 19.2594,
97.0107

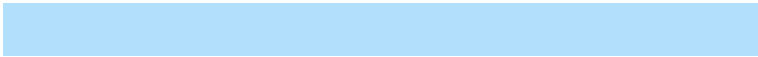
■ 22.3448, 15.3346,
96.3899

■ 20.8337, 12.7875,
95.9779

Harmonies

Analogous

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



62.0679, 69.1251, 101.8545



66.6823, 69.1251, 104.4357



71.2434, 69.1251, 98.4724

Triad

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



66.6823, 69.1251, 104.4357



73.3708, 69.1251, 60.8522



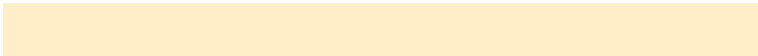
57.6862, 69.1251, 65.1520

Complementary

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



66.6823, 69.1251, 104.4357



82.2397, 86.5784, 67.0222

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.



60.4544, 69.1251, 56.0251



66.6823, 69.1251, 104.4357



69.4738, 69.1251, 53.7602

Square

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



66.6823, 69.1251, 104.4357



75.2232, 69.1251, 72.5044



64.7300, 69.1251, 52.1057



57.0189, 69.1251, 78.0958

Rectangle

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



66.6823, 69.1251, 104.4357



73.5929, 69.1251, 90.8330



64.7300, 69.1251, 52.1057



58.3951, 69.1251, 61.5868

Sweetspot

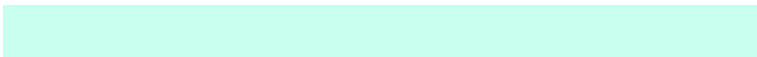
The Sweet Spot groups the original color and five complimentary colors.



66.6842, 69.1278, 104.4361



86.3636, 90.6531, 107.5537



74.9518, 89.9484, 93.9804



18.2910, 19.1934, 22.9906



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.



66.6842, 69.1278, 104.4361



61.8105, 63.6976, 103.6448



65.3077, 62.2441, 103.1800



17.4610, 18.2936, 22.8607



11.0018, 6.9131, 50.1891



1.1633, 0.8574, 4.9174

Inverse Universe

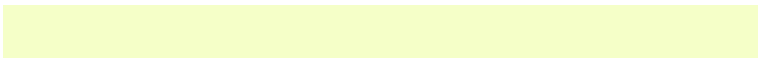
The Inverse Universe completely reimagines the original color for something new.



74.4199, 67.5799, 74.7706



70.9060, 62.1394, 68.7057



83.8130, 95.0879, 68.5817



18.2406, 18.0795, 19.8841



22.3414, 11.4258, 5.1822



2.2218, 1.1311, 0.7495

Previews

White Background



This preview shows how the XYZ color 66.6823, 69.1251, 104.4357 looks on a white background.

Color Contrast Check

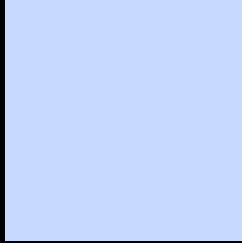
Large Text (above 18pt) WCAG AA × Fail

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 66.6823, 69.1251, 104.4357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

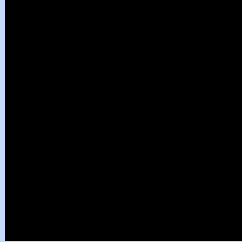
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6823, 69.1251, 104.4357

Background



This preview shows how black text looks on a background with the XYZ color 66.6823, 69.1251, 104.4357.



This preview shows how white text looks on a background with the XYZ color 66.6823, 69.1251,

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

66.6823, 69.1251, 104.4357

Protanopia

68.3246, 69.2480, 102.6936

Deuteranopia

70.5069, 69.2124, 104.2510



Tritanopia

63.9052, 69.1711, 90.1040

Trichromacy



Original Color

66.6823, 69.1251, 104.4357

Protanomaly

67.8989, 69.3893, 103.5808

Deuteranomaly

68.9605, 69.1620, 104.3227

Tritanomaly

64.9494, 69.2005, 95.5218

Monochromacy



Original Color

66.6823, 69.1251, 104.4357

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.4171, 68.5265, 84.6420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6823, 69.1251, 104.4357 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(200, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 217, 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(200, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.6823, 69.1251, 104.4357 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(200, 217, 255) }
```


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

```
.border{ border-color:rgb(200, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6823, 69.1251, 104.4357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 217, 255) }
```

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

```
.background{ background-color: rgb(200,  
217, 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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