

Converting Colors

XYZ(67.4526, 70.0880,
104.5809)

Have a look what the booklet for
XYZ(67.4526, 70.0880, 104.5809)
contains.

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Color

**XYZ(67.2088, 69.7803,
104.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DAFF
RGB	201, 218, 255
RGB Percent	79%, 85%, 100%
CMY	0.2118, 0.1451, 0.0000
CMYK	0.21, 0.15, 0.00, 0.00
HSL	221°, 100%, 89%
HSV	221°, 21%, 100%
XYZ	67.2088, 69.7803, 104.5344
YIQ	217.1350, -22.0090, 7.9030

Conversions

Conversions Part 2

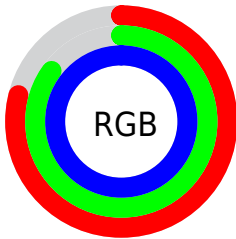
Format	Color
R _Y B	201, 214, 255
Decimal	13228799
CIE Lab	86.89, 1.96, -19.91
CIE LCh	87, 20.003, 275.632
Yxy	69.7803, 0.2783, 0.2889
Android (android.graphics.Color)	4291418879 (0xFFC9DAFF)
YUV	217.1350, 18.6674, -14.1504
Hunter-Lab	83.5346, -2.5712, -15.7207

Details

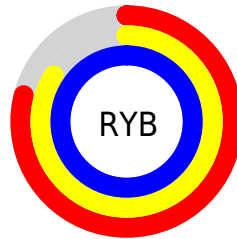
The XYZ color **67.2088, 69.7803, 104.5344** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3570, 86.6253, 67.6398**, and the grayscale version is **65.9344, 69.3681, 75.5418**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1443, 36.3826, 58.5963** is the 20% darker color. If you saturate the color by 10%, you get **56.6203, 57.9484, 102.8087**, and if you desaturate by 10%, it is **79.4166, 83.1595, 106.4734**.

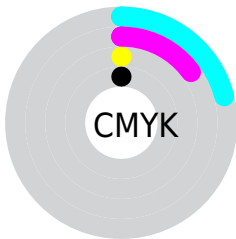
Distribution



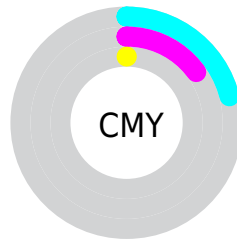
- Red (79%)
- Green (85%)
- Blue (100%)



- Red (79%)
- Yellow (84%)
- Blue (100%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2088, 69.7803, 104.5344 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 67.2088, 69.7803, 104.5344 by changing the saturation by 10% instead.

■ 67.2088, 69.7803,
104.5344

■ 67.2088, 69.7803,
104.5344

440.1084,
459.7782, 596.0050

■ 49.5257, 51.3474,
79.4549

114.2677,
118.8954, 169.4807

■ 35.2529, 36.4852,
58.7463

144.3742,
150.3464, 210.1845

■ 24.0252, 24.8092,
41.9903

179.3524,
186.9056, 256.9335

■ 15.4771, 15.9349,
28.7682

219.5679,
228.9574, 310.1462

■ 9.2434, 9.4781,
18.6615

265.3858,
276.8862, 370.2412

■ 4.9587, 5.0543,
11.2516

317.1717,

■ 2.2575, 2.2792,

331.0763, 437.6369

6.1200

375.2908,
391.9122, 512.7520

■ 0.7728, 0.7627,
2.8482

■ 0.0000, 0.0000,
1.0177

■ 67.2088, 69.7803,
104.5344

■ 67.2088, 69.7803,
104.5344

■ 56.6203, 57.9484,
102.8087

■ 79.4166, 83.1595,
106.4734

■ 47.5746, 47.5971,
101.2874

■ 93.3043, 98.1328,
108.6316

■ 39.9971, 38.6668,
99.9631

■ 95.0500, 100.0000,
108.9000

■ 33.8047, 31.0904,
98.8271

■ 28.9052, 24.7948,
97.8701

■ 25.1941, 19.6985,
97.0821

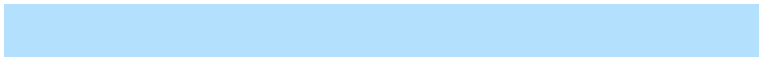
■ 22.5483, 15.7088,
96.4514

■ 20.9399, 12.9999,
96.0133

Harmonies

Analogous

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



62.6898, 69.7803, 101.8784



67.2088, 69.7803, 104.5344



71.6910, 69.7803, 98.8417

Triad

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



67.2088, 69.7803, 104.5344



73.8889, 69.7803, 61.9674



58.4804, 69.7803, 65.8602

Complementary

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



67.2088, 69.7803, 104.5344



82.3570, 86.6253, 67.6398

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.



61.2319, 69.7803, 56.9451



67.2088, 69.7803, 104.5344



70.0961, 69.7803, 54.8889

Square

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



67.2088, 69.7803, 104.5344



75.6620, 69.7803, 73.4841



65.4472, 69.7803, 53.1638



57.7879, 69.7803, 78.5295

Rectangle

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



67.2088, 69.7803, 104.5344



74.0111, 69.7803, 91.4308



65.4472, 69.7803, 53.1638



59.1887, 69.7803, 62.3740

Sweetspot

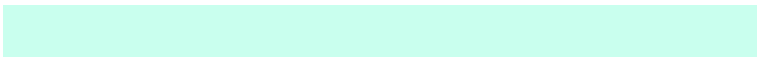
The Sweet Spot groups the original color and five complimentary colors.



67.2107, 69.7830, 104.5348



86.3900, 90.7060, 107.5625



75.2662, 90.1051, 94.2377



18.2973, 19.2059, 22.9927



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.



67.2107, 69.7830, 104.5348



62.9732, 65.0777, 103.8500



65.7733, 62.8291, 103.2683



17.4697, 18.3109, 22.8636



11.0588, 7.0271, 50.2081



1.1697, 0.8702, 4.9196

Inverse Universe

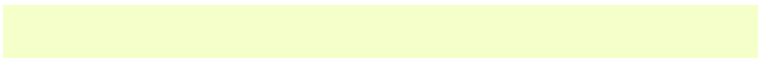
The Inverse Universe completely reimagines the original color for something new.



74.7828, 68.0968, 75.5353



71.7237, 63.3501, 70.2877



83.9942, 95.1677, 69.2023



18.2450, 18.0813, 19.9071



22.3702, 11.4374, 5.3337



2.2250, 1.1324, 0.7665

Previews

White Background



This preview shows how the XYZ color 67.2088, 69.7803, 104.5344 looks on a white background.

Color Contrast Check

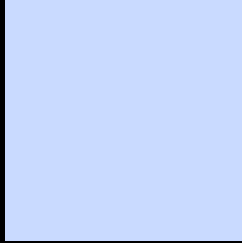
Large Text (above 18pt) WCAG AA × Fail

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 67.2088, 69.7803, 104.5344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

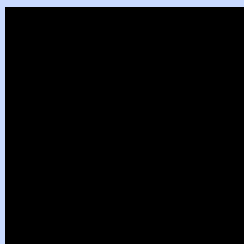
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

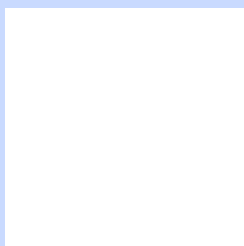
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2088, 69.7803, 104.5344

Background



This preview shows how black text looks on a background with the XYZ color 67.2088, 69.7803, 104.5344.



This preview shows how white text looks on a background with the XYZ color 67.2088, 69.7803,

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

67.2088, 69.7803, 104.5344

Protanopia

68.8638, 69.9052, 102.7920

Deuteranopia

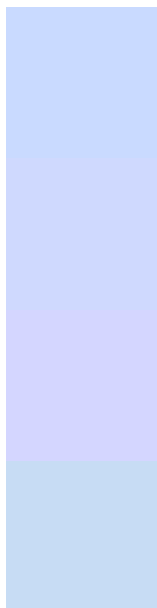
70.8069, 69.3670, 104.2650



Tritanopia

64.5778, 69.8917, 90.9758

Trichromacy



Original Color

67.2088, 69.7803, 104.5344

Protanomaly

68.4344, 70.0469, 103.6794

Deuteranomaly

69.2479, 69.3102, 104.3362

Tritanomaly

65.4755, 69.8602, 95.6214

Monochromacy



Original Color

67.2088, 69.7803, 104.5344

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1006, 69.2441, 85.4829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2088, 69.7803, 104.5344 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(201, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 218, 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(201, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.2088, 69.7803, 104.5344 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(201, 218, 255) }
```


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

```
.border{ border-color:rgb(201, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2088, 69.7803, 104.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 218, 255) }
```

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

```
.background{ background-color: rgb(201,  
218, 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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