

Converting Colors

XYZ(67.9885, 67.6418,
104.0805)

Have a look what the booklet for
XYZ(67.9885, 67.6418, 104.0805)
contains.

XYZ(67.9226, 67.5102, 104.0586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.9226, 67.5102,
104.0586)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3FF
RGB	210, 211, 255
RGB Percent	82%, 83%, 100%
CMY	0.1765, 0.1725, 0.0000
CMYK	0.18, 0.17, 0.00, 0.00
HSL	239°, 100%, 91%
HSV	239°, 18%, 100%
XYZ	67.9226, 67.5102, 104.0586
YIQ	215.7170, -14.7200, 13.4720

Conversions

Conversions Part 2

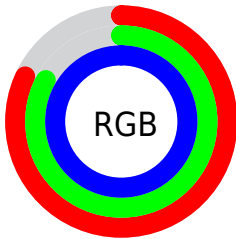
Format	Color
R _Y B	210, 211, 255
Decimal	13816831
CIE Lab	85.76, 8.40, -21.55
CIE LCh	86, 23.130, 291.287
Yxy	67.5102, 0.2836, 0.2819
Android (android.graphics.Color)	4292006911 (0xFFD2D3FF)
YUV	215.7170, 19.3665, -5.0138
Hunter-Lab	82.1646, 3.7717, -17.5735

Details

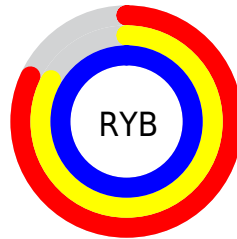
The XYZ color **67.9226, 67.5102, 104.0586** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.3143, 96.7955, 75.0031**, and the grayscale version is **64.9590, 68.3419, 74.4244**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7676, 35.1597, 58.3274** is the 20% darker color. If you saturate the color by 10%, you get **55.5120, 52.6210, 101.8388**, and if you desaturate by 10%, it is **82.4543, 84.9223, 106.6536**.

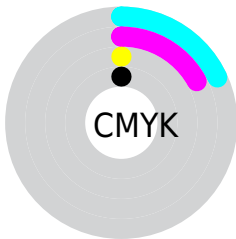
Distribution



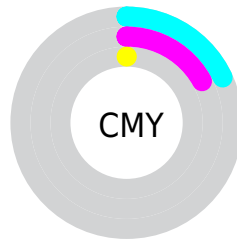
- Red (82%)
- Green (83%)
- Blue (100%)



- Red (82%)
- Yellow (83%)
- Blue (100%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.9226, 67.5102, 104.0586 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 67.9226, 67.5102, 104.0586 by changing the saturation by 10% instead.

67.9226, 67.5102,
104.0586

67.9226, 67.5102,
104.0586

442.6028,
451.7587, 594.4855

50.1082, 49.4994,
79.0586

115.2839,
115.6512, 168.8239

35.7175, 35.0158,
58.4224

145.5616,
146.5501, 209.4263

24.3852, 23.6750,
41.7314

180.7244,
182.5138, 256.0666

15.7459, 15.0927,
28.5670

221.1376,
223.9268, 309.1633

9.4342, 8.8845,
18.5108

267.1668,
271.1734, 369.1350

5.0849, 4.6659,
11.1441

319.1771,

2.3324, 2.0526,

324.6379, 436.4003

6.0485

377.5340,
384.7049, 511.3776

■ 0.8112, 0.6378,
2.8053

■ 0.0000, 0.0000,
0.9961

■ 67.9226, 67.5102,
104.0586

■ 67.9226, 67.5102,
104.0586

■ 55.5120, 52.6210,
101.8388

■ 82.4543, 84.9223,
106.6536

■ 45.1180, 40.1301,
99.9757

95.0500, 100.0000,
108.9000

■ 36.6360, 29.9147,
98.4509

■ 29.9493, 21.8377,
97.2443

■ 24.9289, 15.7472,
96.3334

■ 21.4283, 11.4716,
95.6926

■ 19.2758, 8.8102,
95.2923

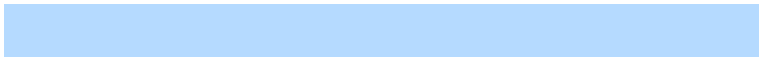
■ 18.2512, 7.5109,
95.0955

■ 18.1116, 7.3433,
95.0705

Harmonies

Analogous

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



62.6410, 67.5102, 106.1501



67.9226, 67.5102, 104.0586



72.4174, 67.5102, 93.2291

Triad

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



67.9226, 67.5102, 104.0586



70.7266, 67.5102, 53.0765



54.6466, 67.5102, 69.1907

Complementary

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



67.9226, 67.5102, 104.0586



88.3143, 96.7955, 75.0031

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.



56.5672, 67.5102, 56.7833



67.9226, 67.5102, 104.0586



65.7164, 67.5102, 48.3532

Square

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



67.9226, 67.5102, 104.0586



74.0971, 67.5102, 63.4501



60.5513, 67.5102, 49.6104



55.1652, 67.5102, 84.5744

Rectangle

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



67.9226, 67.5102, 104.0586



74.2689, 67.5102, 83.2340



60.5513, 67.5102, 49.6104



55.0243, 67.5102, 64.5692

Sweetspot

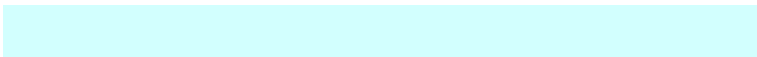
The Sweet Spot groups the original color and five complimentary colors.



67.9245, 67.5129, 104.0590



86.6651, 89.9641, 107.4048



80.1485, 92.3458, 106.9470



18.3073, 18.9656, 22.9458



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.



67.9245, 67.5129, 104.0590



63.5302, 62.2433, 103.2735



74.0526, 70.3036, 104.2747



17.0355, 17.4425, 22.7188



9.4778, 3.8651, 49.6811



0.9337, 0.3981, 4.8409

Inverse Universe

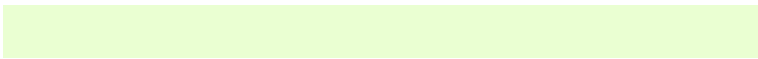
The Inverse Universe completely reimagines the original color for something new.



76.0457, 72.0578, 71.5316



72.9687, 67.5382, 65.4673



81.3252, 93.6659, 74.7674



18.0258, 17.9936, 18.7530



21.5721, 11.1181, 1.1314



2.1059, 1.0847, 0.1392

Previews

White Background



This preview shows how the XYZ color 67.9226, 67.5102, 104.0586 looks on a white background.

Color Contrast Check

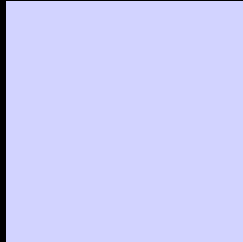
Large Text (above 18pt) WCAG AA × Fail

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 67.9226, 67.5102, 104.0586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

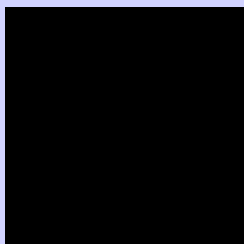
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.9226, 67.5102, 104.0586

Background



This preview shows how black text looks on a background with the XYZ color 67.9226, 67.5102, 104.0586.

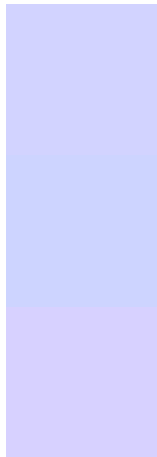


This preview shows how white text looks on a background with the XYZ color 67.9226, 67.5102,

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

67.9226, 67.5102, 104.0586

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

68.8748, 67.2680, 103.9617



Tritanopia

64.3195, 67.5489, 85.9922

Trichromacy



Original Color

67.9226, 67.5102, 104.0586

Protanomaly

67.3256, 67.5724, 104.1021

Deuteranomaly

68.5372, 67.4593, 104.0164

Tritanomaly

65.5069, 67.6498, 92.0432

Monochromacy



Original Color

67.9226, 67.5102, 104.0586

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.0611, 68.1024, 84.5262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.9226, 67.5102, 104.0586 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(210, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 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(210, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.9226, 67.5102, 104.0586 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(210, 211, 255) }
```


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

```
.border{ border-color:rgb(210, 211, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.9226, 67.5102, 104.0586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 255) }
```

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

```
.background{ background-color: rgb(210,  
211, 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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