

Converting Colors

XYZ(77.1603, 71.6076,
141.6221)

Have a look what the booklet for
XYZ(77.1603, 71.6076, 141.6221)
contains.

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Color

**XYZ(69.9595, 68.5602,
104.1539)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9D3FF |
| RGB | 217, 211, 255 |
| RGB Percent | 85%, 83%, 100% |
| CMY | 0.1490, 0.1725, 0.0000 |
| CMYK | 0.15, 0.17, 0.00, 0.00 |
| HSL | 248°, 100%, 91% |
| HSV | 248°, 17%, 100% |
| XYZ | 69.9595, 68.5602, 104.1539 |
| YIQ | 217.8100, -10.5480, 14.9560 |

Conversions

Conversions Part 2

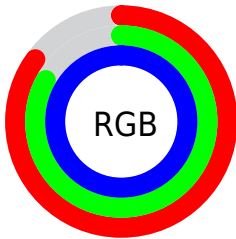
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 217, 211, 255 |
| Decimal | 14275583 |
| CIE Lab | 86.29, 10.56, -20.71 |
| CIE LCh | 86, 23.244, 297.019 |
| Yxy | 68.5602, 0.2883, 0.2825 |
| Android (android.graphics.Color) | 4292465663 (0xFFD9D3FF) |
| YUV | 217.8100, 18.3347, -0.7104 |
| Hunter-Lab | 82.8011, 5.9146, -16.6190 |

Details

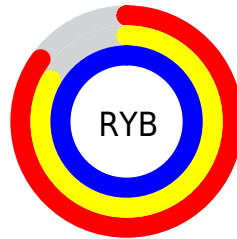
The XYZ color **69.9595, 68.5602, 104.1539** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5862, 96.3636, 75.6676**, and the grayscale version is **66.3943, 69.8519, 76.0688**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1503, 35.8725, 58.3921** is the 20% darker color. If you saturate the color by 10%, you get **58.0049, 53.7287, 101.9212**, and if you desaturate by 10%, it is **83.7964, 85.8572, 106.7633**.

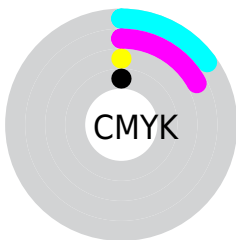
Distribution



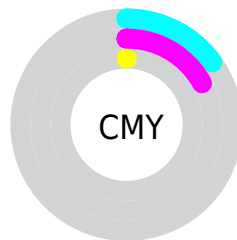
- Red (85%)
- Green (83%)
- Blue (100%)



- Red (85%)
- Yellow (83%)
- Blue (100%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9595, 68.5602, 104.1539 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 69.9595, 68.5602, 104.1539 by changing the saturation by 10% instead.

69.9595, 68.5602,
104.1539

69.9595, 68.5602,
104.1539

449.6764,
455.4783, 594.7900

51.7730, 50.3536,
79.1380

118.1776,
117.1532, 168.9555

37.0477, 35.6945,
58.4873

148.9399,
148.3084, 209.5782

25.4183, 24.1983,
41.7832

184.6248,
184.5486, 256.2403

16.5193, 15.4808,
28.6073

225.5977,
226.2582, 309.3603

9.9856, 9.1575,
18.5409

272.2240,
273.8215, 369.3567

5.4516, 4.8441,
11.1656

324.8689,

2.5520, 2.1561,

327.6231, 436.6481

6.0628

383.8980,
388.0472, 511.6530

■ 0.9216, 0.6959,
2.8139

■ 0.0000, 0.0000,
1.0004

■ 69.9595, 68.5602,
104.1539

■ 69.9595, 68.5602,
104.1539

■ 58.0049, 53.7287,
101.9212

■ 83.7964, 85.8572,
106.7633

■ 47.8452, 41.2423,
100.0466

95.0500, 100.0000,
108.9000

■ 39.3948, 30.9828,
98.5117

■ 32.5584, 22.8182,
97.2961

■ 27.2315, 16.6026,
96.3771

■ 23.2969, 12.1713,
95.7292

■ 20.6197, 9.3318,
95.3222

■ 19.0330, 7.8396,
95.1178

■ 18.7351, 7.5732,
95.0821

Harmonies

Analogous

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



64.6299, 68.5602, 108.1773



69.9595, 68.5602, 104.1539



74.1979, 68.5602, 91.8986

Triad

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



69.9595, 68.5602, 104.1539



70.9374, 68.5602, 52.5268



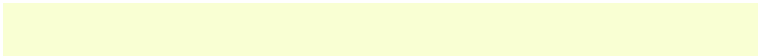
55.4043, 68.5602, 73.1259

Complementary

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



69.9595, 68.5602, 104.1539



86.5862, 96.3636, 75.6676

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.



56.8956, 68.5602, 59.7079



69.9595, 68.5602, 104.1539



65.7019, 68.5602, 48.8831

Square

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



69.9595, 68.5602, 104.1539



74.7839, 68.5602, 62.0282



60.5936, 68.5602, 51.3218



56.4074, 68.5602, 88.8784

Rectangle

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



69.9595, 68.5602, 104.1539



75.7322, 68.5602, 81.4789



60.5936, 68.5602, 51.3218



55.6285, 68.5602, 68.2145

Sweetspot

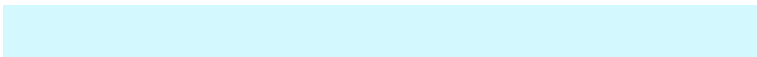
The Sweet Spot groups the original color and five complimentary colors.



69.9614, 68.5630, 104.1544



87.1807, 90.1042, 107.4047



78.8324, 88.9038, 107.6130



18.4320, 18.9995, 22.9457



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.



69.9614, 68.5630, 104.1544



65.2656, 62.7223, 103.2745



76.8976, 72.1387, 104.4790



17.2332, 17.4964, 22.7188



9.8594, 3.9932, 49.6857



1.0271, 0.4234, 4.8409

Inverse Universe

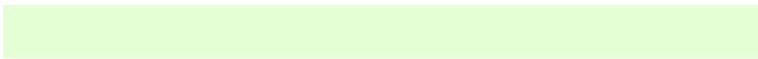
The Inverse Universe completely reimagines the original color for something new.



81.6347, 74.6906, 99.7386



79.1284, 70.0021, 97.9042



79.2400, 92.5765, 75.3238



18.6799, 18.2553, 22.1973



28.3565, 13.8319, 36.8575



2.7891, 1.3580, 3.7370

Previews

White Background



This preview shows how the XYZ color 69.9595, 68.5602, 104.1539 looks on a white background.

Color Contrast Check

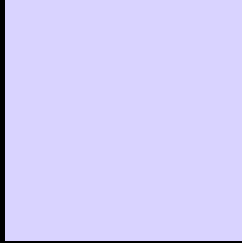
Large Text (above 18pt) WCAG AA × Fail

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 69.9595, 68.5602, 104.1539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

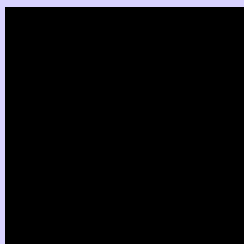
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9595, 68.5602, 104.1539

Background



This preview shows how black text looks on a background with the XYZ color 69.9595, 68.5602, 104.1539.

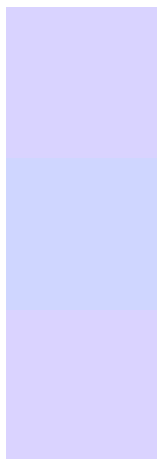


This preview shows how white text looks on a background with the XYZ color 69.9595, 68.5602,

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

69.9595, 68.5602, 104.1539

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

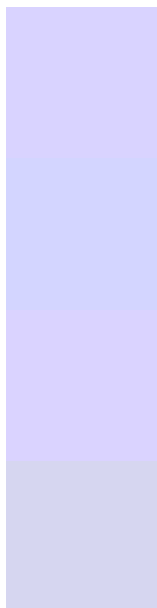
70.2577, 68.7140, 104.1679



Tritanopia

66.3065, 68.5732, 86.0852

Trichromacy



Original Color

69.9595, 68.5602, 104.1539

Protanomaly

68.7082, 68.6574, 104.2386

Deuteranomaly

70.2577, 68.7140, 104.1679

Tritanomaly

67.5063, 68.6805, 92.1368

Monochromacy



Original Color

69.9595, 68.5602, 104.1539

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.6377, 69.2758, 85.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9595, 68.5602, 104.1539 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(217, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.9595, 68.5602, 104.1539 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(217, 211, 255) }
```


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

```
.border{ border-color:rgb(217, 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(217, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9595, 68.5602, 104.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 211, 255) }
```

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

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