

Converting Colors

XYZ(69.5160, 69.9959,
104.4544)

Have a look what the booklet for
XYZ(69.5160, 69.9959, 104.4544)
contains.

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Color

**XYZ(69.5018, 69.8179,
104.4208)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D7FF
RGB	212, 215, 255
RGB Percent	83%, 84%, 100%
CMY	0.1686, 0.1568, 0.0000
CMYK	0.17, 0.16, 0.00, 0.00
HSL	236°, 100%, 92%
HSV	236°, 17%, 100%
XYZ	69.5018, 69.8179, 104.4208
YIQ	218.6630, -14.6280, 11.8040

Conversions

Conversions Part 2

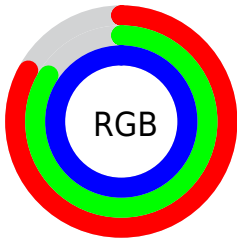
Format	Color
R _Y B	212, 215, 255
Decimal	13948927
CIE Lab	86.91, 6.89, -19.80
CIE LCh	87, 20.968, 289.192
Yxy	69.8179, 0.2851, 0.2864
Android (android.graphics.Color)	4292139007 (0xFFD4D7FF)
YUV	218.6630, 17.9141, -5.8435
Hunter-Lab	83.5571, 2.2492, -15.6044

Details

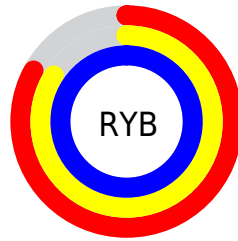
The XYZ color **69.5018, 69.8179, 104.4208** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.9337, 95.6330, 76.1134**, and the grayscale version is **66.9873, 70.4759, 76.7483**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6685, 36.3869, 58.5168** is the 20% darker color. If you saturate the color by 10%, you get **57.1151, 55.1083, 102.2344**, and if you desaturate by 10%, it is **83.9289, 86.8828, 106.9543**.

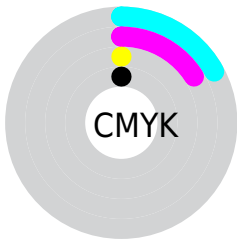
Distribution



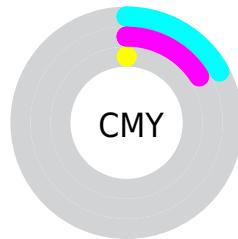
- Red (83%)
- Green (84%)
- Blue (100%)



- Red (83%)
- Yellow (84%)
- Blue (100%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5018, 69.8179, 104.4208 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 69.5018, 69.8179, 104.4208 by changing the saturation by 10% instead.

■ 69.5018, 69.8179,
104.4208

■ 69.5018, 69.8179,
104.4208

448.0925,
459.9104, 595.6424

■ 51.3986, 51.3781,
79.3603

117.5282,
118.9490, 169.3239

■ 36.7483, 36.5096,
58.6690

148.1820,
150.4091, 210.0035

■ 25.1854, 24.8280,
41.9285

183.7502,
186.9781, 256.7266

■ 16.3447, 15.9490,
28.7201

224.5980,
229.0404, 309.9116

■ 9.8608, 9.4881,
18.6254

271.0908,
276.9804, 369.9772

■ 5.3683, 5.0609,
11.2259

323.5939,

■ 2.5019, 2.2830,

331.1825, 437.3418

6.1029

382.4727,
392.0310, 512.4240

■ 0.8962, 0.7647,
2.8380

■ 0.0000, 0.0000,
1.0125

■ 69.5018, 69.8179,
104.4208

■ 69.5018, 69.8179,
104.4208

■ 57.1151, 55.1083,
102.2344

■ 83.9289, 86.8828,
106.9543

■ 46.6710, 42.6425,
100.3787

95.0500, 100.0000,
108.9000

■ 38.0727, 32.3126,
98.8380

■ 31.2124, 23.9986,
97.5949

■ 25.9714, 17.5683,
96.6299

■ 22.2158, 12.8740,
95.9218

■ 19.7904, 9.7456,
95.4458

■ 18.5031, 7.9776,
95.1723

■ 18.2632, 7.6463,
95.1211

Harmonies

Analogous

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



64.6107, 69.8179, 105.6860



69.5018, 69.8179, 104.4208



73.7409, 69.8179, 95.0293

Triad

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



69.5018, 69.8179, 104.4208



72.7021, 69.8179, 57.3901



57.5384, 69.8179, 71.0769

Complementary

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



69.5018, 69.8179, 104.4208



87.9337, 95.6330, 76.1134

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.



59.4885, 69.8179, 59.7312



69.5018, 69.8179, 104.4208



68.1403, 69.8179, 52.5001

Square

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



69.5018, 69.8179, 104.4208



75.6504, 69.8179, 67.4996



63.3140, 69.8179, 53.3009



57.8628, 69.8179, 85.2285

Rectangle

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



69.5018, 69.8179, 104.4208



75.5514, 69.8179, 86.0019



63.3140, 69.8179, 53.3009



57.9457, 69.8179, 66.8416

Sweetspot

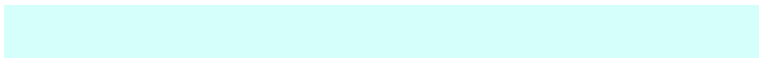
The Sweet Spot groups the original color and five complimentary colors.



69.5037, 69.8207, 104.4212



86.8464, 90.3267, 107.4652



80.3905, 92.5088, 105.2307



18.3511, 19.0533, 22.9604



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.



69.5037, 69.8207, 104.4212



65.4008, 64.9553, 103.6984



74.2010, 71.1177, 104.4240



17.1048, 17.5813, 22.7420



9.5800, 4.0696, 49.7152



0.9666, 0.4640, 4.8519

Inverse Universe

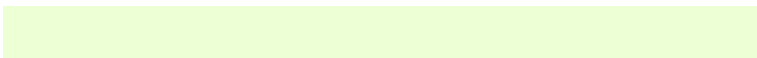
The Inverse Universe completely reimagines the original color for something new.



77.0505, 73.2548, 74.3717



74.1641, 68.9782, 68.7969



82.5972, 94.2926, 76.1360



18.0608, 18.0076, 18.9374



21.6237, 11.1388, 1.4031



2.1225, 1.0914, 0.2266

Previews

White Background



This preview shows how the XYZ color 69.5018, 69.8179, 104.4208 looks on a white background.

Color Contrast Check

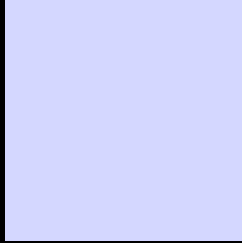
Large Text (above 18pt) WCAG AA × Fail

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 69.5018, 69.8179, 104.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

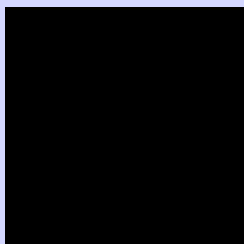
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5018, 69.8179, 104.4208

Background



This preview shows how black text looks on a background with the XYZ color 69.5018, 69.8179, 104.4208.



This preview shows how white text looks on a background with the XYZ color 69.5018, 69.8179,

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

69.5018, 69.8179, 104.4208

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

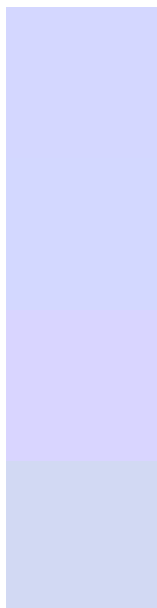
71.1087, 69.5226, 104.2791



Tritanopia

66.5062, 69.7542, 89.3155

Trichromacy



Original Color

69.5018, 69.8179, 104.4208

Protanomaly

69.4698, 70.1806, 104.4925

Deuteranomaly

70.4595, 69.5602, 104.3206

Tritanomaly

67.5689, 69.7984, 94.7052

Monochromacy



Original Color

69.5018, 69.8179, 104.4208

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.9558, 70.5679, 86.3832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5018, 69.8179, 104.4208 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(212, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 215, 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(212, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.5018, 69.8179, 104.4208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

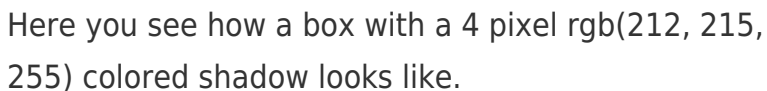
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 215, 255) }
```


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

```
.border{ border-color:rgb(212, 215, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 215, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 215, 255); box-shadow:4px 4px 4px 4px rgb(212, 215, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5018, 69.8179, 104.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 215, 255) }
```

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

```
.background{ background-color: rgb(212,  
215, 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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