

Converting Colors

XYZ(69.9739, 70.7579,
108.6412)

Have a look what the booklet for
XYZ(69.9739, 70.7579, 108.6412)
contains.

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Color

**XYZ(69.1573, 70.4010,
104.5515)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D9FF
RGB	209, 217, 255
RGB Percent	82%, 85%, 100%
CMY	0.1804, 0.1490, 0.0000
CMYK	0.18, 0.15, 0.00, 0.00
HSL	230°, 100%, 91%
HSV	230°, 18%, 100%
XYZ	69.1573, 70.4010, 104.5515
YIQ	218.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

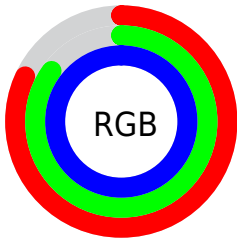
Format	Color
R _Y B	209, 216, 255
Decimal	13752831
CIE Lab	87.19, 4.92, -19.39
CIE LCh	87, 20.006, 284.225
Yxy	70.4010, 0.2833, 0.2884
Android (android.graphics.Color)	4291942911 (0xFFD1D9FF)
YUV	218.9400, 17.7776, -8.7174
Hunter-Lab	83.9053, 0.2908, -15.1455

Details

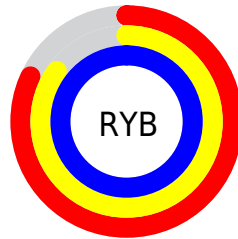
The XYZ color **69.1573, 70.4010, 104.5515** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0090, 92.3837, 73.6219**, and the grayscale version is **67.1811, 70.6797, 76.9702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.4398, 36.7879, 58.6063** is the 20% darker color. If you saturate the color by 10%, you get **57.4248, 56.8022, 102.5451**, and if you desaturate by 10%, it is **82.7413, 85.9865, 106.8439**.

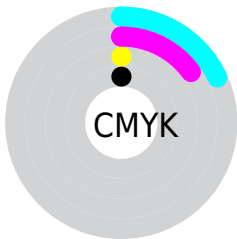
Distribution



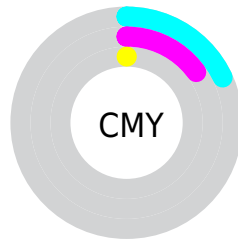
- Red (82%)
- Green (85%)
- Blue (100%)



- Red (82%)
- Yellow (85%)
- Blue (100%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1573, 70.4010, 104.5515 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 69.1573, 70.4010, 104.5515 by changing the saturation by 10% instead.

■ 69.1573, 70.4010,
104.5515

■ 69.1573, 70.4010,
104.5515

446.8983,
461.9567, 596.0596

■ 51.1169, 51.8535,
79.4691

117.0391,
119.7804, 169.5043

■ 36.5231, 36.8883,
58.7580

147.6112,
151.3812, 210.2117

■ 25.0104, 25.1210,
41.9996

183.0912,
188.1018, 256.9646

■ 16.2136, 16.1673,
28.7754

223.8446,
230.3267, 310.1815

■ 9.7672, 9.6426,
18.6669

270.2366,
278.4402, 370.2809

■ 5.3060, 5.1626,
11.2554

322.6327,

■ 2.4645, 2.3430,

332.8268, 437.6813

6.1226

381.3981,
393.8708, 512.8014

■ 0.8774, 0.7963,
2.8498

■ 0.0000, 0.0000,
1.0184

■ 69.1573, 70.4010,
104.5515

■ 69.1573, 70.4010,
104.5515

■ 57.4248, 56.8022,
102.5451

■ 82.7413, 85.9865,
106.8439

■ 47.4571, 45.1015,
100.8119

95.0500, 100.0000,
108.9000

■ 39.1693, 35.2158,
99.3406

■ 32.4670, 27.0526,
98.1182

■ 27.2462, 20.5108,
97.1307

■ 23.3899, 15.4786,
96.3626

■ 20.7629, 11.8289,
95.7966

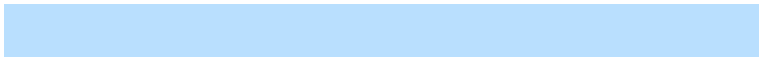
■ 19.1899, 9.4069,
95.4120

■ 18.9643, 9.0485,
95.3548

Harmonies

Analogous

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



64.4893, 70.4010, 104.3289



69.1573, 70.4010, 104.5515



73.4111, 70.4010, 96.7183

Triad

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



69.1573, 70.4010, 104.5515



73.5951, 70.4010, 59.9967



58.5958, 70.4010, 69.8375

Complementary

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



69.1573, 70.4010, 104.5515



86.0090, 92.3837, 73.6219

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.



60.8121, 70.4010, 59.5775



69.1573, 70.4010, 104.5515



69.3988, 70.4010, 54.3660

Square

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



69.1573, 70.4010, 104.5515



76.0533, 70.4010, 70.4746



64.7198, 70.4010, 54.2221



58.5379, 70.4010, 83.1860

Rectangle

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



69.1573, 70.4010, 104.5515



75.3784, 70.4010, 88.4578



64.7198, 70.4010, 54.2221



59.1083, 70.4010, 65.9513

Sweetspot

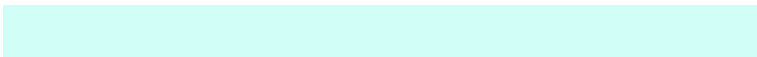
The Sweet Spot groups the original color and five complimentary colors.



69.1593, 70.4038, 104.5520



87.2456, 91.1250, 107.5983



78.7769, 91.7644, 101.2062



18.4478, 19.2465, 22.9926



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.



69.1593, 70.4038, 104.5520



64.2938, 64.7826, 103.7234



71.4579, 68.6005, 104.0827



17.2584, 17.8884, 22.7931



9.9830, 4.8755, 49.8495



1.0390, 0.6088, 4.8760

Inverse Universe

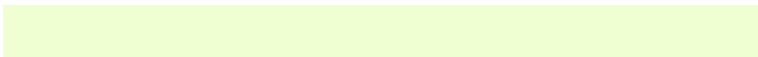
The Inverse Universe completely reimagines the original color for something new.



76.5661, 71.8721, 75.4861



73.1070, 66.6475, 69.1121



83.3517, 94.7249, 74.2138



18.1383, 18.0386, 19.3456



21.8271, 11.2201, 2.4742



2.1591, 1.1060, 0.4191

Previews

White Background



This preview shows how the XYZ color 69.1573, 70.4010, 104.5515 looks on a white background.

Color Contrast Check

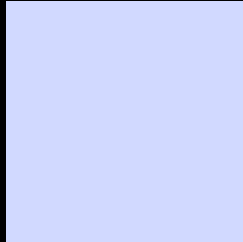
Large Text (above 18pt) WCAG AA × Fail

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 69.1573, 70.4010, 104.5515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

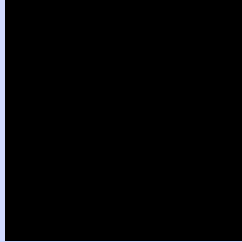
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1573, 70.4010, 104.5515

Background



This preview shows how black text looks on a background with the XYZ color 69.1573, 70.4010, 104.5515.

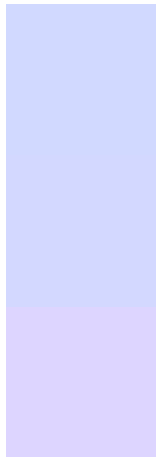


This preview shows how white text looks on a background with the XYZ color 69.1573, 70.4010,

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

69.1573, 70.4010, 104.5515

Protanopia

69.4698, 70.1806, 104.4925

Deuteranopia

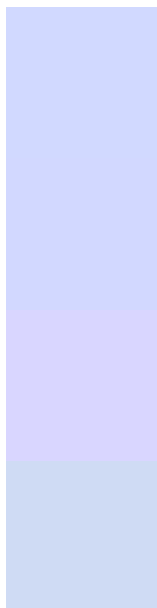
71.6630, 70.1807, 104.3769



Tritanopia

66.3329, 70.4226, 90.2176

Trichromacy



Original Color

69.1573, 70.4010, 104.5515

Protanomaly

69.1842, 70.0334, 104.4791

Deuteranomaly

70.7118, 70.0648, 104.4047

Tritanomaly

67.3928, 70.4601, 95.6361

Monochromacy



Original Color

69.1573, 70.4010, 104.5515

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.6612, 70.4161, 86.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1573, 70.4010, 104.5515 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(209, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.1573, 70.4010, 104.5515 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(209, 217, 255) }
```


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

```
.border{ border-color:rgb(209, 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(209, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1573, 70.4010, 104.5515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 255) }
```

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

```
.background{ background-color: rgb(209,  
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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