

Converting Colors

XYZ(67.2028, 69.1755, 96.9990)

Have a look what the booklet for
XYZ(67.2028, 69.1755, 96.9990)
contains.

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Color

**XYZ(67.2028, 69.1755,
96.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D8F6
RGB	208, 216, 246
RGB Percent	82%, 85%, 96%
CMY	0.1843, 0.1529, 0.0353
CMYK	0.15, 0.12, 0.00, 0.04
HSL	227°, 68%, 89%
HSV	227°, 15%, 96%
XYZ	67.2028, 69.1755, 96.9990
YIQ	217.0280, -14.3980, 7.6340

Conversions

Conversions Part 2

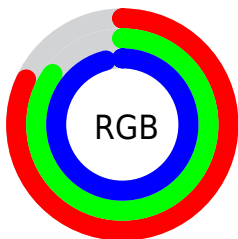
Format	Color
R _Y B	208, 215, 246
Decimal	13687030
CIE Lab	86.59, 3.23, -15.56
CIE LCh	87, 15.894, 281.744
Yxy	69.1755, 0.2880, 0.2964
Android (android.graphics.Color)	4291877110 (0xFFD0D8F6)
YUV	217.0280, 14.2832, -7.9176
Hunter-Lab	83.1718, -1.3227, -10.9266

Details

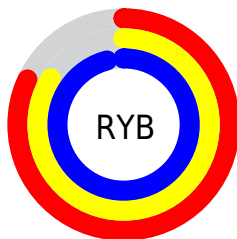
The XYZ color **67.2028, 69.1755, 96.9990** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.9660, 85.2954, 71.9248**, and the grayscale version is **65.8865, 69.3178, 75.4870**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1760, 35.9797, 53.8060** is the 20% darker color. If you saturate the color by 10%, you get **56.1313, 56.5152, 95.1400**, and if you desaturate by 10%, it is **79.9392, 83.5705, 99.1073**.

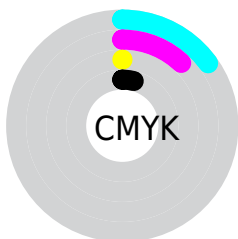
Distribution



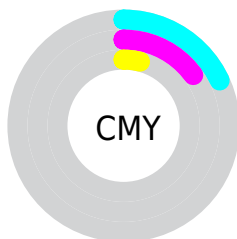
- Red (82%)
- Green (85%)
- Blue (96%)



- Red (82%)
- Yellow (84%)
- Blue (96%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2028, 69.1755, 96.9990 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 67.2028, 69.1755, 96.9990 by changing the saturation by 10% instead.

■ 67.2028, 69.1755,
96.9990

■ 67.2028, 69.1755,
96.9990

440.0874,
457.6497, 571.6920

■ 49.5208, 50.8547,
73.1938

114.2591,
118.0322, 159.0427

■ 35.2490, 36.0929,
53.6417

144.3642,
149.3369, 198.1183

■ 24.0222, 24.5060,
37.9240

179.3409,
185.7382, 243.1210

■ 15.4749, 15.7094,
25.6224

219.5547,
227.6207, 294.4696

■ 9.2418, 9.3187,
16.3181

265.3708,
275.3687, 352.5824

■ 4.9576, 4.9497,
9.5927

317.1548,

■ 2.2569, 2.2178,

329.3666, 417.8780

5.0277

375.2719,
389.9988, 490.7750

■ 0.7725, 0.7297,
2.2045

■ 0.0000, 0.0000,
0.6770

■ 67.2028, 69.1755,
96.9990

■ 67.2028, 69.1755,
96.9990

■ 56.1313, 56.5152,
95.1400

■ 79.9392, 83.5705,
99.1073

■ 46.6486, 45.5147,
93.5164

■ 93.5848, 99.3340,
101.4308

■ 38.6823, 36.1064,
92.1203

■ 93.6348, 99.4339,
101.4474

■ 32.1513, 28.2147,
90.9413

■ 26.9672, 21.7573,
89.9681

■ 23.0310, 16.6439,
89.1886

■ 20.2292, 12.7731,
88.5891

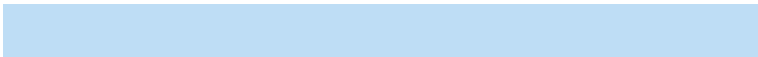
■ 18.4256, 10.0268,
88.1541

■ 17.8543, 9.0929,
88.0039

Harmonies

Analogous

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



63.5533, 69.1755, 96.2941



67.2028, 69.1755, 96.9990



70.5833, 69.1755, 91.5077

Triad

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



67.2028, 69.1755, 96.9990



71.1820, 69.1755, 62.5948



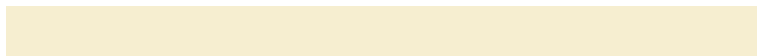
59.2438, 69.1755, 69.1374

Complementary

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



67.2028, 69.1755, 96.9990



79.9660, 85.2954, 71.9248

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.



61.1411, 69.1755, 61.1642



67.2028, 69.1755, 96.9990



67.9952, 69.1755, 57.6373

Square

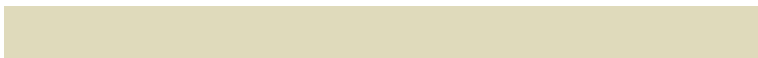
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2028, 69.1755, 96.9990



72.9374, 69.1755, 71.2629



64.3168, 69.1755, 57.1393



59.0496, 69.1755, 79.5290

Rectangle

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



67.2028, 69.1755, 96.9990



72.1937, 69.1755, 85.3470



64.3168, 69.1755, 57.1393



59.7002, 69.1755, 66.1115

Sweetspot

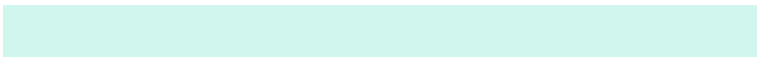
The Sweet Spot groups the original color and five complimentary colors.



67.2049, 69.1784, 97.0005



87.3866, 91.4071, 107.6453



74.3677, 85.4820, 93.2905



18.4819, 19.3148, 23.0040



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.



67.2049, 69.1784, 97.0005



68.4060, 69.9196, 104.4982



68.3350, 66.7908, 96.4801



15.8639, 16.4922, 20.8898



9.6111, 5.0160, 46.9997



0.9161, 0.5837, 4.1546

Inverse Universe

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



72.9582, 69.6640, 74.5703



75.9363, 70.6649, 75.1153



78.6802, 88.1687, 72.5472



16.6419, 16.5396, 17.8608



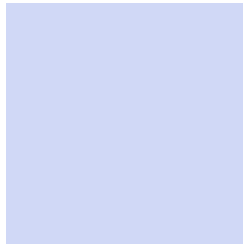
20.6558, 10.6057, 2.8957



1.8515, 0.9466, 0.4443

Previews

White Background



This preview shows how the XYZ color 67.2028, 69.1755, 96.9990 looks on a white background.

Color Contrast Check

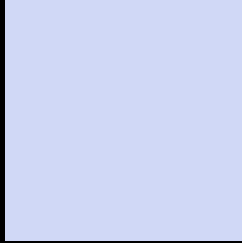
Large Text (above 18pt) WCAG AA × Fail

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 67.2028, 69.1755, 96.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

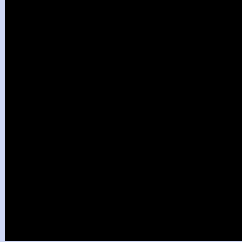
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2028, 69.1755, 96.9990

Background



This preview shows how black text looks on a background with the XYZ color 67.2028, 69.1755, 96.9990.

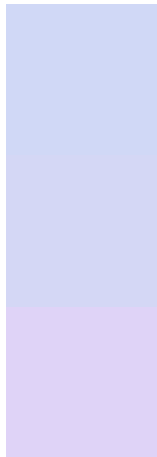


This preview shows how white text looks on a background with the XYZ color 67.2028, 69.1755,

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

67.2028, 69.1755, 96.9990

Protanopia

67.9332, 69.1905, 96.1608

Deuteranopia

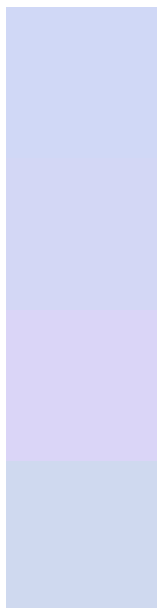
70.5142, 68.9919, 97.5960



Tritanopia

65.5204, 69.2628, 88.5130

Trichromacy



Original Color

67.2028, 69.1755, 96.9990

Protanomaly

67.6458, 69.0423, 96.1474

Deuteranomaly

69.4962, 69.2093, 97.6916

Tritanomaly

66.1250, 69.1231, 91.5183

Monochromacy



Original Color

67.2028, 69.1755, 96.9990

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.5480, 69.5233, 83.3107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2028, 69.1755, 96.9990 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(208, 216, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 246)  
}
```

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(208, 216, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 246) }
```

Border

The CSS property to change the border of an element to XYZ 67.2028, 69.1755, 96.9990 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(208, 216, 246) }
```


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

```
.border{ border-color:rgb(208, 216, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 216, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2028, 69.1755, 96.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 246) }
```

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

```
.background{ background-color: rgb(208,  
216, 246) }
```

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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