

Converting Colors

XYZ(66.5696, 69.6292, 95.9447)

Have a look what the booklet for
XYZ(66.5696, 69.6292, 95.9447)
contains.

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Color

**XYZ(66.7297, 69.7145,
96.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDAF5
RGB	205, 218, 245
RGB Percent	80%, 85%, 96%
CMY	0.1961, 0.1451, 0.0392
CMYK	0.16, 0.11, 0.00, 0.04
HSL	220°, 67%, 88%
HSV	220°, 16%, 96%
XYZ	66.7297, 69.7145, 96.3254
YIQ	217.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

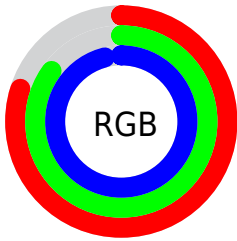
Format	Color
R _Y B	205, 215, 245
Decimal	13490933
CIE Lab	86.86, 1.04, -14.66
CIE LCh	87, 14.693, 274.065
Yxy	69.7145, 0.2867, 0.2995
Android (android.graphics.Color)	4291681013 (0xFFCDDAF5)
YUV	217.1910, 13.7098, -10.6915
Hunter-Lab	83.4952, -3.4587, -9.9541

Details

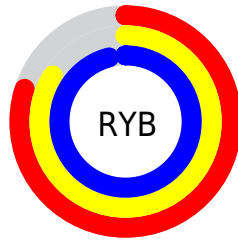
The XYZ color **66.7297, 69.7145, 96.3254** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.5329, 81.5335, 69.4104**, and the grayscale version is **66.0030, 69.4403, 75.6205**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8602, 36.3525, 53.3235** is the 20% darker color. If you saturate the color by 10%, you get **56.4173, 58.3485, 94.6762**, and if you desaturate by 10%, it is **78.5324, 82.4875, 98.1699**.

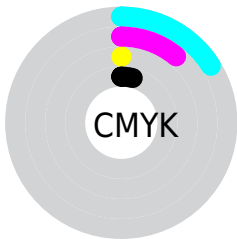
Distribution



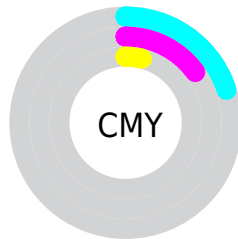
- Red (80%)
- Green (85%)
- Blue (96%)



- Red (80%)
- Yellow (84%)
- Blue (96%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7297, 69.7145, 96.3254 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 66.7297, 69.7145, 96.3254 by changing the saturation by 10% instead.

■ 66.7297, 69.7145,
96.3254

■ 66.7297, 69.7145,
96.3254

438.4296,
459.5469, 569.4918

■ 49.1349, 51.2938,
72.6356

113.5849,
118.8015, 158.1057

■ 34.9415, 36.4425,
53.1881

143.5761,
150.2367, 197.0334

■ 23.7841, 24.7761,
37.5642

178.4301,
186.7787, 241.8774

■ 15.2974, 15.9103,
25.3454

218.5122,
228.8121, 293.0563

■ 9.1161, 9.4607,
16.1132

264.1879,
276.7212, 350.9886

■ 4.8747, 5.0429,
9.4491

315.8224,

■ 2.2079, 2.2725,

330.8905, 416.0930

4.9345

373.7812,
391.7043, 488.7879

■ 0.7469, 0.7591,
2.1508

■ 0.0000, 0.0000,
0.6458

■ 66.7297, 69.7145,
96.3254

■ 66.7297, 69.7145,
96.3254

■ 56.4173, 58.3485,
94.6762

■ 78.5324, 82.4875,
98.1699

■ 47.5272, 48.3305,
93.2111

■ 91.8769, 96.7064,
100.2111

■ 39.9956, 39.6100,
91.9248

■ 93.4816, 99.3727,
100.6411

■ 33.7509, 32.1297,
90.8101

■ 28.7144, 25.8276,
89.8591

■ 24.7983, 20.6355,
89.0633

■ 21.9012, 16.4767,
88.4133

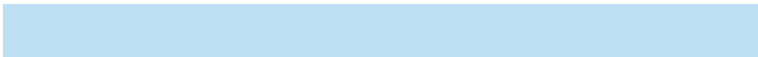
■ 19.8995, 13.2610,
87.8981

■ 19.3240, 12.2775,
87.7386

Harmonies

Analogous

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



63.4219, 69.7145, 94.1702



66.7297, 69.7145, 96.3254



70.0206, 69.7145, 92.6343

Triad

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



66.7297, 69.7145, 96.3254



71.8702, 69.7145, 65.8217



60.5118, 69.7145, 67.9511

Complementary

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



66.7297, 69.7145, 96.3254



77.5329, 81.5335, 69.4104

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.



62.6394, 69.7145, 61.3257



66.7297, 69.7145, 96.3254



69.1847, 69.7145, 60.1727

Square

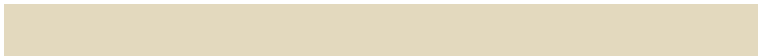
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7297, 69.7145, 96.3254



73.0526, 69.7145, 74.5775



65.7956, 69.7145, 58.5998



59.9050, 69.7145, 77.2527

Rectangle

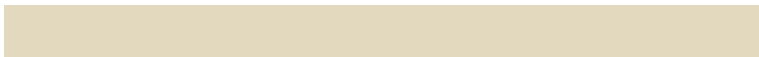
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7297, 69.7145, 96.3254



71.7402, 69.7145, 87.5269



65.7956, 69.7145, 58.5998



61.0692, 69.7145, 65.3643

Sweetspot

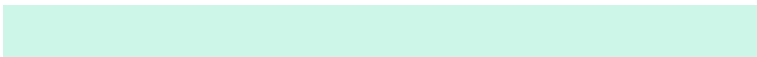
The Sweet Spot groups the original color and five complimentary colors.



66.7318, 69.7174, 96.3270



87.8297, 92.2933, 107.7930



72.3488, 84.0925, 88.5155



18.5893, 19.5296, 23.0398



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.



66.7318, 69.7174, 96.3270



68.6970, 71.5478, 104.7971



65.3696, 64.2045, 95.3347



16.0210, 16.8063, 20.9421



10.5216, 6.8370, 47.3031



1.0143, 0.7801, 4.1873

Inverse Universe

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



72.1441, 68.1388, 75.6826



75.8279, 69.6437, 77.5583



79.0450, 87.9487, 70.5689



16.7212, 16.5713, 18.2783



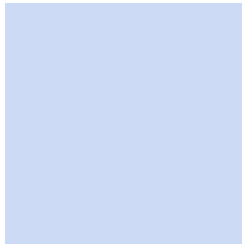
21.1153, 10.7896, 5.3157



1.9011, 0.9664, 0.7053

Previews

White Background



This preview shows how the XYZ color 66.7297, 69.7145, 96.3254 looks on a white background.

Color Contrast Check

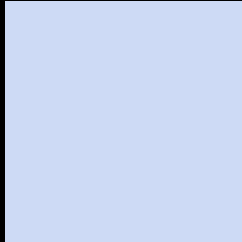
Large Text (above 18pt) WCAG AA × Fail

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 66.7297, 69.7145, 96.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

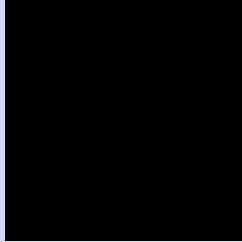
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7297, 69.7145, 96.3254

Background



This preview shows how black text looks on a background with the XYZ color 66.7297, 69.7145, 96.3254.



This preview shows how white text looks on a background with the XYZ color 66.7297, 69.7145,

96.3254.

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

66.7297, 69.7145, 96.3254

Protanopia

68.3256, 69.7895, 95.4575

Deuteranopia

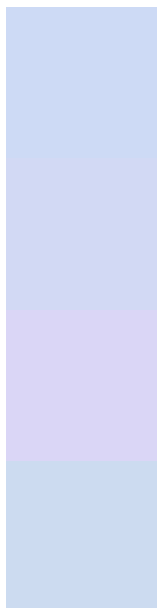
71.2294, 69.7483, 96.8974



Tritanopia

65.5194, 69.6148, 90.1045

Trichromacy



Original Color

66.7297, 69.7145, 96.3254

Protanomaly

67.7203, 69.8590, 95.5028

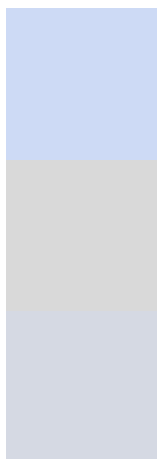
Deuteranomaly

69.5946, 69.6524, 96.9650

Tritanomaly

65.9615, 69.7917, 92.4327

Monochromacy



Original Color

66.7297, 69.7145, 96.3254

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.1186, 69.3179, 82.5679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7297, 69.7145, 96.3254 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(205, 218, 245)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 245)  
}
```

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(205, 218, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 245) }
```

Border

The CSS property to change the border of an element to XYZ 66.7297, 69.7145, 96.3254 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(205, 218, 245) }
```


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

```
.border{ border-color:rgb(205, 218, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 218, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 245);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7297, 69.7145, 96.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 245) }
```

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

```
.background{ background-color: rgb(205,  
218, 245) }
```

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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