

Converting Colors

XYZ(63.7549, 67.9110, 97.0404)

Have a look what the booklet for
XYZ(63.7549, 67.9110, 97.0404)
contains.

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Color

**XYZ(63.6955, 67.7489,
96.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D9F6
RGB	194, 217, 246
RGB Percent	76%, 85%, 96%
CMY	0.2392, 0.1490, 0.0353
CMYK	0.21, 0.12, 0.00, 0.04
HSL	213°, 74%, 86%
HSV	213°, 21%, 96%
XYZ	63.6955, 67.7489, 96.9085
YIQ	213.4290, -23.0170, 4.1430

Conversions

Conversions Part 2

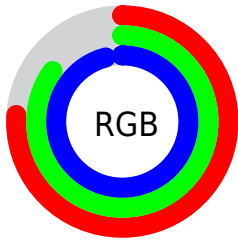
Format	Color
RYB	194, 210, 246
Decimal	12769782
CIELab	85.88, -1.59, -16.73
CIELCh	86, 16.801, 264.563
Yxy	67.7489, 0.2789, 0.2967
Android (android.graphics.Color)	4290959862 (0xFFC2D9F6)
YUV	213.4290, 16.0575, -17.0392
Hunter-Lab	82.3097, -5.9095, -12.1891

Details

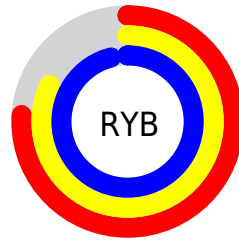
The XYZ color **63.6955, 67.7489, 96.9085** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.1318, 76.2631, 61.8534**, and the grayscale version is **63.4415, 66.7454, 72.6858**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.0298, 35.1338, 53.7558** is the 20% darker color. If you saturate the color by 10%, you get **54.5071, 57.9809, 95.5085**, and if you desaturate by 10%, it is **74.2271, 78.6491, 98.4585**.

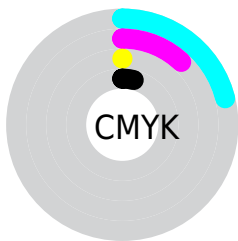
Distribution



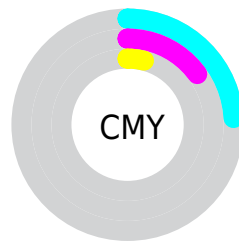
- Red (76%)
- Green (85%)
- Blue (96%)



- Red (76%)
- Yellow (82%)
- Blue (96%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6955, 67.7489, 96.9085 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 63.6955, 67.7489, 96.9085 by changing the saturation by 10% instead.

■ 63.6955, 67.7489,
96.9085

■ 63.6955, 67.7489,
96.9085

427.7089,
452.6058, 571.3966

■ 46.6649, 49.6935,
73.1188

■ 109.2485,
115.9929, 158.9168

■ 32.9776, 35.1699,
53.5807

138.5015,
146.9502, 197.9726

■ 22.2685, 23.7938,
37.8756

172.5594,
182.9769, 242.9540

■ 14.1720, 15.1807,
25.5851

211.7875,
224.4575, 294.2798

■ 8.3229, 8.9463,
16.2905

256.5511,
271.7763, 352.3684

■ 4.3558, 4.7062,
9.5734

307.2156,

■ 1.9053, 2.0759,

325.3177, 417.6384

5.0152

364.1465,
385.4661, 490.5083

■ 0.5799, 0.6510,
2.1973

■ 0.0000, 0.0000,
0.6728

■ 63.6955, 67.7489,
96.9085

■ 63.6955, 67.7489,
96.9085

■ 54.5071, 57.9809,
95.5085

■ 74.2271, 78.6491,
98.4585

■ 46.5971, 49.2960,
94.2490

■ 86.1504, 90.7116,
100.1584

■ 39.9046, 41.6535,
93.1266

■ 93.6348, 99.4339,
101.4475

■ 34.3605, 35.0065,
92.1358

■ 29.8885, 29.3036,
91.2708

■ 26.4013, 24.4875,
90.5249

■ 23.7960, 20.4917,
89.8910

■ 22.0843, 17.5530,
89.4140

Harmonies

Analogous

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



60.2024, 67.7489, 92.3914



63.6955, 67.7489, 96.9085



67.5147, 67.7489, 94.7415

Triad

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



63.6955, 67.7489, 96.9085



71.3519, 67.7489, 65.3135



58.5574, 67.7489, 62.1624

Complementary

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



63.6955, 67.7489, 96.9085



74.1318, 76.2631, 61.8534

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.



61.3696, 67.7489, 56.1419



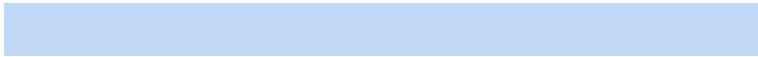
63.6955, 67.7489, 96.9085



68.7743, 67.7489, 57.8305

Square

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



63.6955, 67.7489, 96.9085



72.0346, 67.7489, 75.7910



65.0962, 67.7489, 54.6383



57.3124, 67.7489, 71.7795

Rectangle

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



63.6955, 67.7489, 96.9085



69.7198, 67.7489, 89.8990



65.0962, 67.7489, 54.6383



59.3452, 67.7489, 59.6905

Sweetspot

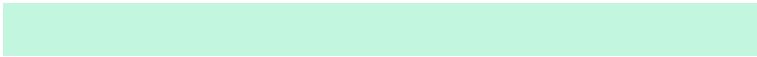
The Sweet Spot groups the original color and five complimentary colors.



63.6976, 67.7517, 96.9100



86.9817, 91.8895, 107.7598



68.4706, 82.6883, 81.8826



18.4369, 19.4852, 23.0392



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.



63.6976, 67.7517, 96.9100



65.0480, 69.2272, 104.5415



58.8490, 57.0553, 95.1010



16.1845, 17.1332, 20.9966



11.9223, 9.6383, 47.7700



1.1485, 1.0485, 4.2321

Inverse Universe

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



69.8238, 63.1877, 74.1651



72.7709, 63.7690, 75.8023



79.7949, 88.9337, 64.0006



16.8037, 16.6043, 18.7128



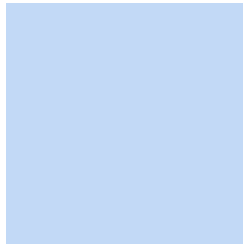
21.8223, 11.0724, 9.0387



1.9688, 0.9935, 1.0620

Previews

White Background



This preview shows how the XYZ color 63.6955, 67.7489, 96.9085 looks on a white background.

Color Contrast Check

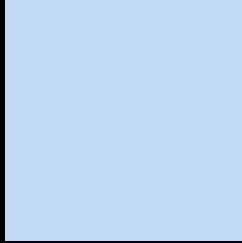
Large Text (above 18pt) WCAG AA × Fail

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 63.6955, 67.7489, 96.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

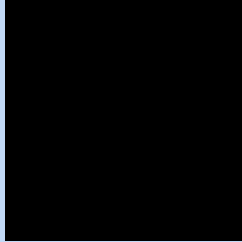
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

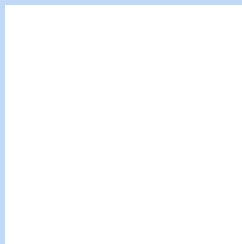
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6955, 67.7489, 96.9085

Background



This preview shows how black text looks on a background with the XYZ color 63.6955, 67.7489, 96.9085.



This preview shows how white text looks on a background with the XYZ color 63.6955, 67.7489,

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

63.6955, 67.7489, 96.9085

Protanopia

66.5503, 67.7612, 94.3657

Deuteranopia

68.9572, 67.4383, 98.1894



Tritanopia

62.2101, 67.9256, 89.1890

Trichromacy



Original Color

63.6955, 67.7489, 96.9085

Protanomaly

65.2775, 67.4622, 95.1690

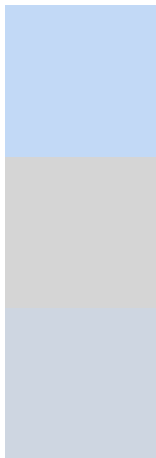
Deuteranomaly

66.9103, 67.5040, 97.4987

Tritanomaly

62.7919, 67.7715, 92.2098

Monochromacy



Original Color

63.6955, 67.7489, 96.9085

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0908, 66.6512, 80.7739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6955, 67.7489, 96.9085 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(194, 217, 246)` looks like.

```
.text, #text, p{  
    color:rgb(194, 217, 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(194, 217, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 217, 246) }
```

Border

The CSS property to change the border of an element to XYZ 63.6955, 67.7489, 96.9085 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(194, 217, 246) }
```


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

```
.border{ border-color:rgb(194, 217, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 217, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 217, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 217, 246);  
box-shadow:4px 4px 4px 4px rgb(194, 217,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6955, 67.7489, 96.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 217, 246) }
```

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

```
.background{ background-color: rgb(194,  
217, 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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