

Converting Colors

XYZ(65.9493, 67.6540, 85.1774)

Have a look what the booklet for
XYZ(65.9493, 67.6540, 85.1774)
contains.

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Color

**XYZ(65.9496, 67.6542,
85.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D5E7
RGB	214, 213, 231
RGB Percent	84%, 84%, 91%
CMY	0.1608, 0.1647, 0.0941
CMYK	0.07, 0.08, 0.00, 0.09
HSL	243°, 27%, 87%
HSV	243°, 8%, 91%
XYZ	65.9496, 67.6542, 85.1839
YIQ	215.3510, -5.1820, 5.8100

Conversions

Conversions Part 2

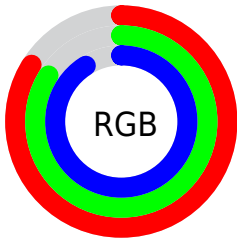
Format	Color
R _Y B	214, 213, 231
Decimal	14079463
CIE Lab	85.83, 3.71, -8.71
CIE LCh	86, 9.472, 293.089
Yxy	67.6542, 0.3014, 0.3092
Android (android.graphics.Color)	4292269543 (0xFFD6D5E7)
YUV	215.3510, 7.7150, -1.1848
Hunter-Lab	82.2522, -0.8204, -3.8268

Details

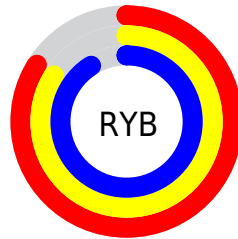
The XYZ color **65.9496, 67.6542, 85.1839** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.2218, 78.7807, 74.3012**, and the grayscale version is **64.7827, 68.1564, 74.2223**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2628, 34.9198, 45.4918** is the 20% darker color. If you saturate the color by 10%, you get **54.6009, 53.7854, 83.1061**, and if you desaturate by 10%, it is **78.9829, 83.6236, 87.5804**.

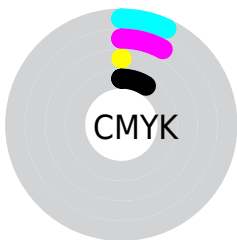
Distribution



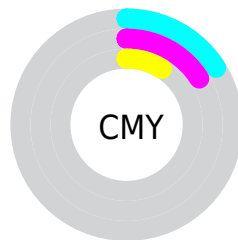
- Red (84%)
- Green (84%)
- Blue (91%)



- Red (84%)
- Yellow (84%)
- Blue (91%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9496, 67.6542, 85.1839 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 65.9496, 67.6542, 85.1839 by changing the saturation by 10% instead.

■ 65.9496, 67.6542,
85.1839

■ 65.9496, 67.6542,
85.1839

435.6881,
452.2699, 532.3968

■ 48.4990, 49.6165,
63.4423

112.4721,
115.8573, 142.5065

■ 34.4352, 35.1087,
45.7558

142.2748,
146.7915, 178.9247

■ 23.3926, 23.7467,
31.7059

176.9256,
182.7932, 221.0720

■ 15.0059, 15.1458,
20.8740

216.7898,
224.2470, 269.3672

■ 8.9099, 8.9218,
12.8416

262.2328,
271.5371, 324.2288

■ 4.7391, 4.6902,
7.1901

313.6199,

■ 2.1282, 2.0667,

325.0481, 386.0752

3.5010

371.3166,
385.1642, 455.3250

■ 0.7045, 0.6458,
1.3558

■ 0.0000, 0.0000,
0.1069

■ 65.9496, 67.6542,
85.1839

■ 65.9496, 67.6542,
85.1839

■ 54.6009, 53.7854,
83.1061

■ 78.9829, 83.6236,
87.5804

■ 44.8625, 41.9218,
81.3295

■ 91.4240, 98.5496,
89.8057

■ 36.6631, 31.9731,
79.8414

■ 29.9239, 23.8389,
78.6265

■ 24.5591, 17.4096,
77.6683

■ 20.4739, 12.5638,
76.9483

■ 17.5614, 9.1642,
76.4456

■ 15.6974, 7.0497,
76.1357

■ 14.7217, 6.0053,
75.9855

Harmonies

Analogous

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



63.8037, 67.6542, 86.1442



65.9496, 67.6542, 85.1839



67.6894, 67.6542, 81.0583

Triad

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



65.9496, 67.6542, 85.1839



66.8358, 67.6542, 64.5369



60.2587, 67.6542, 72.2387

Complementary

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



65.9496, 67.6542, 85.1839



73.2218, 78.7807, 74.3012

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.



61.0320, 67.6542, 66.7335



65.9496, 67.6542, 85.1839



64.8055, 67.6542, 62.4513

Square

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



65.9496, 67.6542, 85.1839



68.2091, 67.6542, 69.0869



62.6846, 67.6542, 63.2324



60.5495, 67.6542, 78.4388

Rectangle

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



65.9496, 67.6542, 85.1839



68.3688, 67.6542, 77.1865



62.6846, 67.6542, 63.2324



60.4022, 67.6542, 70.2502

Sweetspot

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



65.9516, 67.6571, 85.1854



91.6943, 95.8868, 108.2829



70.1911, 76.5666, 86.6817



19.6615, 20.5668, 23.1835



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.



65.9516, 67.6571, 85.1854



80.6299, 82.3391, 106.2511



68.6211, 69.0332, 85.3103



13.6563, 13.9251, 18.1124



8.2099, 3.2983, 42.5871



0.6329, 0.2572, 3.1483

Inverse Universe

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



71.0345, 70.2936, 84.6905



87.9567, 86.1398, 105.5294



70.4375, 77.3453, 74.1709



14.9588, 14.6007, 17.9836



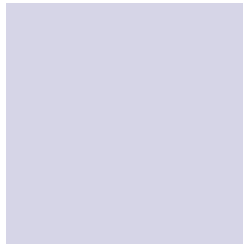
25.6003, 12.3743, 38.3859



1.9024, 0.9187, 2.8924

Previews

White Background



This preview shows how the XYZ color 65.9496, 67.6542, 85.1839 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 65.9496, 67.6542, 85.1839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

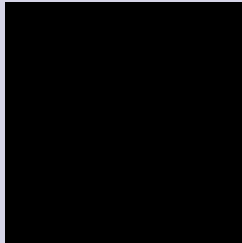
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9496, 67.6542, 85.1839

Background



This preview shows how black text looks on a background with the XYZ color 65.9496, 67.6542, 85.1839.



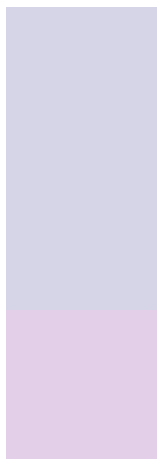
This preview shows how white text looks on a background with the XYZ color 65.9496, 67.6542,

85.1839.

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

65.9496, 67.6542, 85.1839

Protanopia

65.9496, 67.6542, 85.1839

Deuteranopia

68.7999, 67.2688, 85.7020



Tritanopia

65.8087, 67.5978, 84.4421

Trichromacy



Original Color

65.9496, 67.6542, 85.1839

Protanomaly

65.9496, 67.6542, 85.1839

Deuteranomaly

67.7363, 67.4490, 85.7928

Tritanomaly

65.8087, 67.5978, 84.4421

Monochromacy



Original Color

65.9496, 67.6542, 85.1839

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1220, 67.7607, 78.0534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9496, 67.6542, 85.1839 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(214, 213, 231) looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 231)  
}
```

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(214, 213, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 231) }
```

Border

The CSS property to change the border of an element to XYZ 65.9496, 67.6542, 85.1839 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(214, 213, 231) }
```


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

```
.border{ border-color:rgb(214, 213, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9496, 67.6542, 85.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 231) }
```

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

```
.background{ background-color: rgb(214,  
213, 231) }
```

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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