

Converting Colors

XYZ(65.8868, 67.2744, 83.7288)

Have a look what the booklet for
XYZ(65.8868, 67.2744, 83.7288)
contains.

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Color

**XYZ(66.0052, 67.3430,
83.6484)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D4E5
RGB	216, 212, 229
RGB Percent	85%, 83%, 90%
CMY	0.1529, 0.1686, 0.1020
CMYK	0.06, 0.07, 0.00, 0.10
HSL	254°, 25%, 86%
HSV	254°, 7%, 90%
XYZ	66.0052, 67.3430, 83.6484
YIQ	215.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

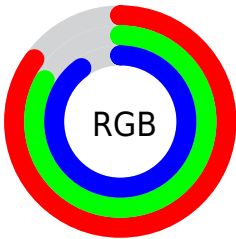
Format	Color
R _Y B	216, 212, 229
Decimal	14210277
CIE Lab	85.68, 4.51, -7.87
CIE LCh	86, 9.071, 299.836
Yxy	67.3430, 0.3042, 0.3103
Android (android.graphics.Color)	4292400357 (0xFFD8D4E5)
YUV	215.1340, 6.8359, 0.7595
Hunter-Lab	82.0628, -0.0377, -2.9917

Details

The XYZ color **66.0052, 67.3430, 83.6484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9568, 76.8014, 73.3750**, and the grayscale version is **64.6403, 68.0067, 74.0593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3949, 34.7470, 44.9384** is the 20% darker color. If you saturate the color by 10%, you get **55.7803, 54.1695, 81.6456**, and if you desaturate by 10%, it is **77.5975, 82.4303, 85.9506**.

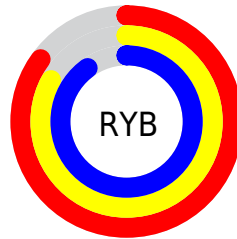
Distribution



Red (85%)

Green (83%)

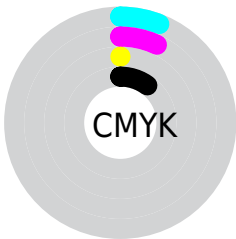
Blue (90%)



Red (85%)

Yellow (83%)

Blue (90%)

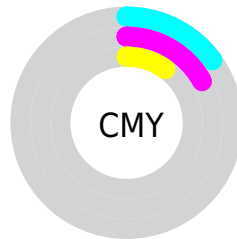


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (17%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0052, 67.3430, 83.6484 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 66.0052, 67.3430, 83.6484 by changing the saturation by 10% instead.

■ 66.0052, 67.3430,
83.6484

■ 66.0052, 67.3430,
83.6484

435.8838,
451.1647, 527.1724

■ 48.5443, 49.3634,
62.1815

112.5515,
115.4118, 140.3406

■ 34.4712, 34.9079,
44.7426

142.3676,
146.2697, 176.4029

■ 23.4204, 23.5919,
30.9133

177.0329,
182.1893, 218.1675

■ 15.0267, 15.0312,
20.2749

216.9127,
223.5548, 266.0528

■ 8.9245, 8.8413,
12.4090

262.3723,
270.7507, 320.4774

■ 4.7487, 4.6378,
6.8969

313.7771,

■ 2.1338, 2.0364,

324.1614, 381.8598

3.3203

371.4925,
384.1713, 450.6187

■ 0.7075, 0.6285,
1.2604

■ 0.0000, 0.0000,
0.0290

■ 66.0052, 67.3430,
83.6484

■ 66.0052, 67.3430,
83.6484

■ 55.7803, 54.1695,
81.6456

■ 77.5975, 82.4303,
85.9506

■ 46.8658, 42.8244,
79.9256

■ 89.6983, 97.6924,
88.2587

■ 39.2091, 33.2285,
78.4770

■ 91.1431, 98.4372,
88.3263

■ 32.7518, 25.2932,
77.2856

■ 27.4307, 18.9223,
76.3364

■ 23.1766, 14.0095,
75.6123

■ 19.9121, 10.4347,
75.0944

■ 17.5486, 8.0579,
74.7602

■ 15.9733, 6.6959,
74.5803

Harmonies

Analogous

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



63.9961, 67.3430, 85.3063



66.0052, 67.3430, 83.6484



67.5055, 67.3430, 79.1944

Triad

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



66.0052, 67.3430, 83.6484



66.0254, 67.3430, 63.9179



60.1149, 67.3430, 73.2924

Complementary

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



66.0052, 67.3430, 83.6484



70.9568, 76.8014, 73.3750

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.



60.6325, 67.3430, 67.7531



66.0052, 67.3430, 83.6484



64.0189, 67.3430, 62.5218

Square

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



66.0052, 67.3430, 83.6484



67.5173, 67.3430, 67.8069



62.0505, 67.3430, 63.8881



60.6215, 67.3430, 79.1349

Rectangle

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



66.0052, 67.3430, 83.6484



67.9997, 67.3430, 75.3521



62.0505, 67.3430, 63.8881



60.1747, 67.3430, 71.3347

Sweetspot

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



66.0072, 67.3459, 83.6499



92.0240, 96.0567, 108.2984



68.2307, 73.5247, 84.7253



19.7286, 20.6014, 23.1866



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.



66.0072, 67.3459, 83.6499



81.9951, 83.0429, 106.3150



68.5738, 68.6690, 83.7700



13.8985, 14.0499, 18.1237



9.0400, 3.7262, 42.6259



0.7491, 0.3171, 3.1537

Inverse Universe

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



69.4495, 69.1842, 80.9311



87.3039, 85.8787, 102.0916



68.3819, 75.4740, 73.2545



14.8426, 14.5542, 17.3713



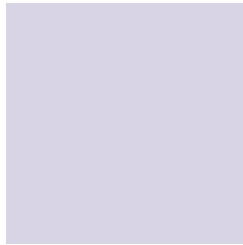
22.9565, 11.3168, 24.4636



1.7316, 0.8503, 1.9930

Previews

White Background



This preview shows how the XYZ color 66.0052, 67.3430, 83.6484 looks on a white background.

Color Contrast Check

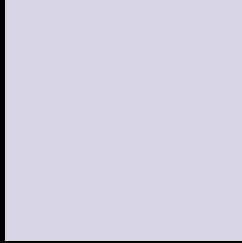
Large Text (above 18pt) WCAG AA × Fail

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 66.0052, 67.3430, 83.6484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

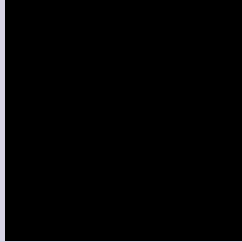
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

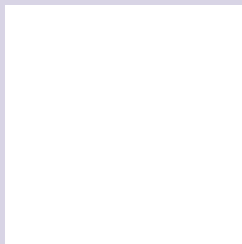
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0052, 67.3430, 83.6484

Background



This preview shows how black text looks on a background with the XYZ color 66.0052, 67.3430, 83.6484.

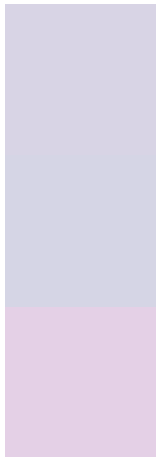


This preview shows how white text looks on a background with the XYZ color 66.0052, 67.3430,

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

66.0052, 67.3430, 83.6484

Protanopia

65.3777, 67.3918, 83.6909

Deuteranopia

68.8337, 67.3189, 84.2288



Tritanopia

66.0052, 67.3430, 83.6484

Trichromacy



Original Color

66.0052, 67.3430, 83.6484

Protanomaly

65.6687, 67.5418, 83.7045

Deuteranomaly

67.8239, 67.1614, 84.2517

Tritanomaly

66.0052, 67.3430, 83.6484

Monochromacy



Original Color

66.0052, 67.3430, 83.6484

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9892, 67.7075, 77.3537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0052, 67.3430, 83.6484 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(216, 212, 229) looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 229)  
}
```

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(216, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 229) }
```

Border

The CSS property to change the border of an element to XYZ 66.0052, 67.3430, 83.6484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

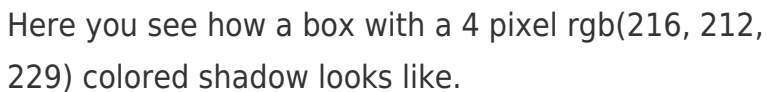
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 212, 229) }
```


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

```
.border{ border-color:rgb(216, 212, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 212, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 212, 229); box-shadow:4px 4px 4px 4px rgb(216, 212, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0052, 67.3430, 83.6484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 229) }
```

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

```
.background{ background-color: rgb(216,  
212, 229) }
```

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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