

Converting Colors

XYZ(63.2722, 67.6105, 81.1806)

Have a look what the booklet for
XYZ(63.2722, 67.6105, 81.1806)
contains.

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Color

**XYZ(63.0483, 67.3853,
80.9178)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD8E1
RGB	204, 216, 225
RGB Percent	80%, 85%, 88%
CMY	0.2000, 0.1529, 0.1176
CMYK	0.09, 0.04, 0.00, 0.12
HSL	206°, 26%, 84%
HSV	206°, 9%, 88%
XYZ	63.0483, 67.3853, 80.9178
YIQ	213.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

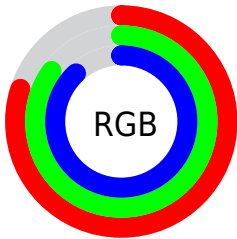
Format	Color
R_{YB}	204, 212, 225
Decimal	13424865
CIE _{Lab}	85.70, -2.29, -5.82
CIE _{LCh}	86, 6.252, 248.493
Yxy	67.3853, 0.2983, 0.3188
Android (android.graphics.Color)	4291614945 (0xFFCCD8E1)
YUV	213.4380, 5.7001, -8.2771
Hunter-Lab	82.0885, -6.5576, -0.9824

Details

The XYZ color **63.0483, 67.3853, 80.9178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7450, 67.9553, 66.7795**, and the grayscale version is **63.5085, 66.8159, 72.7625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5782, 34.8760, 43.0449** is the 20% darker color. If you saturate the color by 10%, you get **54.9241, 59.6395, 79.8520**, and if you desaturate by 10%, it is **72.2123, 75.8858, 82.0766**.

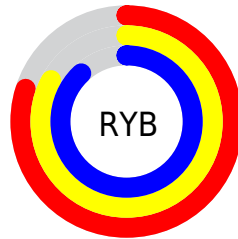
Distribution



Red (80%)

Green (85%)

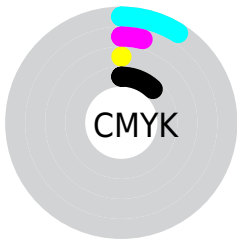
Blue (88%)



Red (80%)

Yellow (83%)

Blue (88%)

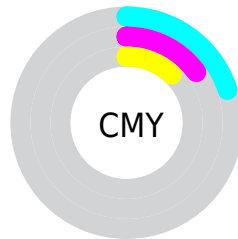


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (20%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0483, 67.3853, 80.9178 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 63.0483, 67.3853, 80.9178 by changing the saturation by 10% instead.

■ 63.0483, 67.3853,
80.9178

■ 63.0483, 67.3853,
80.9178

425.4016,
451.3150, 517.8086

■ 46.1391, 49.3978,
59.9433

108.3206,
115.4723, 136.4784

■ 32.5607, 34.9352,
42.9479

137.4144,
146.3407, 171.9015

■ 21.9477, 23.6129,
29.5132

171.3004,
182.2714, 212.9780

■ 13.9349, 15.0467,
19.2205

210.3441,
223.6490, 260.1263

■ 8.1568, 8.8522,
11.6513

254.9107,
270.8577, 313.7649

■ 4.2481, 4.6449,
6.3870

305.3655,

■ 1.8434, 2.0405,

324.2820, 374.3125

3.0093

362.0741,
384.3063, 442.1876

■ 0.5436, 0.6308,
1.0994

■ 0.0000, 0.0000,
0.0000

■ 63.0483, 67.3853,
80.9178

■ 63.0483, 67.3853,
80.9178

■ 54.9241, 59.6395,
79.8520

■ 72.2123, 75.8858,
82.0766

■ 47.7932, 52.6154,
78.8720

■ 82.4482, 85.1559,
83.3264

■ 41.6144, 46.2898,
77.9767

■ 87.4601, 91.9549,
84.3746

■ 36.3409, 40.6347,
77.1631

■ 90.4516, 97.9379,
85.3718

■ 31.9218, 35.6200,
76.4281

■ 90.5908, 98.2163,
85.4182

■ 28.3005, 31.2124,
75.7682

■ 25.4131, 27.3746,
75.1796

■ 23.1839, 24.0633,
74.6580

■ 21.4926, 21.2120,
74.1967

Harmonies

Analogous

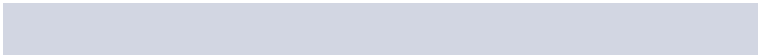
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.9267, 67.3853, 78.3652



63.0483, 67.3853, 80.9178



64.4533, 67.3853, 81.4102

Triad

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



63.0483, 67.3853, 80.9178



66.7964, 67.3853, 72.2181



62.3571, 67.3853, 67.3983

Complementary

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



63.0483, 67.3853, 80.9178



65.7450, 67.9553, 66.7795

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.



63.6438, 67.3853, 65.8795



63.0483, 67.3853, 80.9178



66.2166, 67.3853, 68.5938

Square

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



63.0483, 67.3853, 80.9178



66.6313, 67.3853, 76.2862



65.0576, 67.3853, 66.3089



61.5318, 67.3853, 70.5313

Rectangle

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



63.0483, 67.3853, 80.9178



65.3639, 67.3853, 80.4871



65.0576, 67.3853, 66.3089



62.7493, 67.3853, 66.6874

Sweetspot

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



63.0503, 67.3881, 80.9193



91.2547, 96.5045, 108.4253



63.8067, 71.4803, 73.2198



19.3198, 20.4593, 23.1807



0.0000, 0.0000, 0.0000



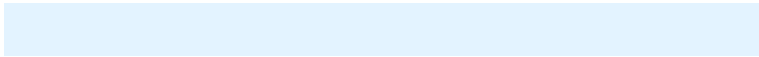
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0503, 67.3881, 80.9193



81.7582, 87.6336, 107.2136



60.5048, 62.2972, 80.0708



13.5991, 14.5374, 17.4769



12.4435, 12.3565, 42.7776



0.9508, 1.0332, 2.9945

Inverse Universe

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



65.0404, 64.1525, 73.9237



84.8705, 82.6408, 96.2585



68.4060, 73.2773, 67.6665



14.0339, 13.8312, 15.9486



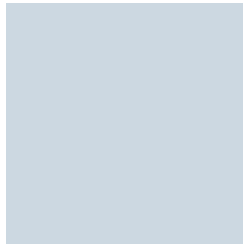
20.2211, 10.1554, 13.0959



1.4462, 0.7218, 1.1425

Previews

White Background



This preview shows how the XYZ color 63.0483, 67.3853, 80.9178 looks on a white background.

Color Contrast Check

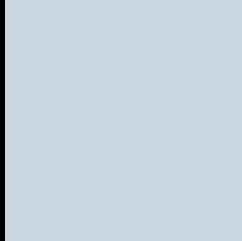
Large Text (above 18pt) WCAG AA × Fail

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 63.0483, 67.3853, 80.9178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

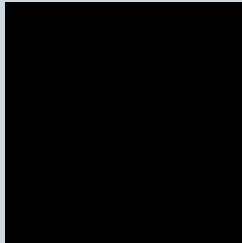
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

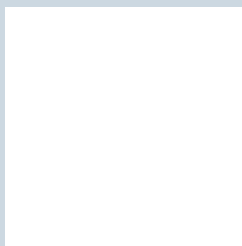
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0483, 67.3853, 80.9178

Background



This preview shows how black text looks on a background with the XYZ color 63.0483, 67.3853, 80.9178.

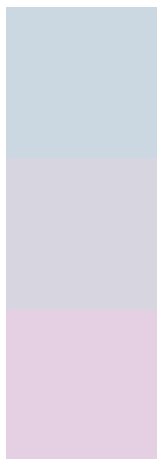


This preview shows how white text looks on a background with the XYZ color 63.0483, 67.3853,

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

63.0483, 67.3853, 80.9178

Protanopia

65.1379, 67.3633, 79.3813

Deuteranopia

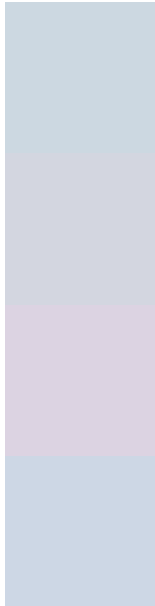
68.7341, 67.3158, 82.0436



Tritanopia

64.0428, 67.4062, 85.9792

Trichromacy



Original Color

63.0483, 67.3853, 80.9178

Protanomaly

64.3651, 67.3238, 80.1234

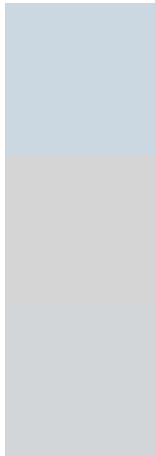
Deuteranomaly

66.5369, 67.2952, 81.4339

Tritanomaly

63.6201, 67.2372, 83.7537

Monochromacy



Original Color

63.0483, 67.3853, 80.9178

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1493, 66.8045, 75.2119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0483, 67.3853, 80.9178 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(204, 216, 225) looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 225)  
}
```

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(204, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.0483, 67.3853, 80.9178 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(204, 216, 225) }
```


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

```
.border{ border-color:rgb(204, 216, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0483, 67.3853, 80.9178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 225) }
```

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

```
.background{ background-color: rgb(204,  
216, 225) }
```

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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