

Converting Colors

XYZ(64.6380, 67.4330, 81.5606)

Have a look what the booklet for
XYZ(64.6380, 67.4330, 81.5606)
contains.

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Color

**XYZ(64.6380, 67.4330,
81.5606)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D6E2
RGB	211, 214, 226
RGB Percent	83%, 84%, 89%
CMY	0.1725, 0.1608, 0.1137
CMYK	0.07, 0.05, 0.00, 0.11
HSL	228°, 21%, 86%
HSV	228°, 7%, 89%
XYZ	64.6380, 67.4330, 81.5606
YIQ	214.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

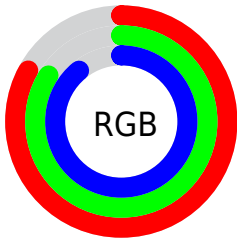
Format	Color
R _Y B	211, 214, 226
Decimal	13883106
CIE Lab	85.72, 1.24, -6.25
CIE LCh	86, 6.375, 281.208
Yxy	67.4330, 0.3026, 0.3157
Android (android.graphics.Color)	4292073186 (0xFFD3D6E2)
YUV	214.4710, 5.6838, -3.0441
Hunter-Lab	82.1176, -3.2014, -1.4055

Details

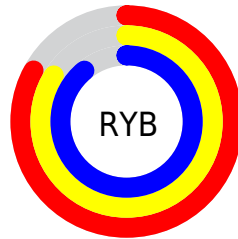
The XYZ color **64.6380, 67.4330, 81.5606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5098, 73.6466, 72.1808**, and the grayscale version is **64.2011, 67.5445, 73.5560**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4591, 34.8045, 43.4825** is the 20% darker color. If you saturate the color by 10%, you get **54.2899, 55.6817, 79.8388**, and if you desaturate by 10%, it is **76.4080, 80.6745, 83.4972**.

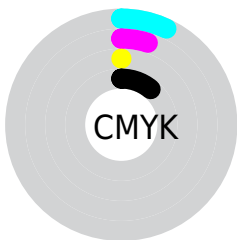
Distribution



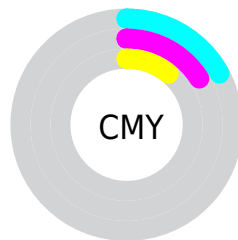
- Red (83%)
- Green (84%)
- Blue (89%)



- Red (83%)
- Yellow (84%)
- Blue (89%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6380, 67.4330, 81.5606 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 64.6380, 67.4330, 81.5606 by changing the saturation by 10% instead.

■ 64.6380, 67.4330,
81.5606

■ 64.6380, 67.4330,
81.5606

431.0558,
451.4845, 520.0215

■ 47.4312, 49.4366,
60.4697

110.5979,
115.5406, 137.3888

■ 33.5861, 34.9659,
43.3696

140.0816,
146.4207, 172.9632

■ 22.7372, 23.6366,
29.8417

174.3885,
182.3640, 214.2025

■ 14.5192, 15.0643,
19.4674

213.8837,
223.7551, 261.5252

■ 8.5667, 8.8645,
11.8283

258.9327,
270.9783, 315.3500

■ 4.5145, 4.6529,
6.5057

309.9008,

■ 1.9971, 2.0451,

324.4180, 376.0952

3.0812

367.1534,
384.4586, 444.1796

■ 0.6324, 0.6335,
1.1363

■ 0.0000, 0.0000,
0.0000

■ 64.6380, 67.4330,
81.5606

■ 64.6380, 67.4330,
81.5606

■ 54.2899, 55.6817,
79.8388

■ 76.4080, 80.6745,
83.4972

■ 45.3034, 45.3596,
78.3201

■ 89.2016, 95.2189,
85.6302

■ 37.6228, 36.4139,
76.9982

■ 90.7277, 98.2711,
86.1389

■ 31.1861, 28.7854,
75.8650

■ 25.9260, 22.4103,
74.9117

■ 21.7689, 17.2195,
74.1289

■ 18.6325, 13.1367,
73.5062

■ 16.4220, 10.0762,
73.0319

■ 15.0210, 7.9366,
72.6928

Harmonies

Analogous

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



63.1967, 67.4330, 81.2670



64.6380, 67.4330, 81.5606



65.9526, 67.4330, 79.6130

Triad

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



64.6380, 67.4330, 81.5606



66.2194, 67.4330, 68.2735



61.4826, 67.4330, 70.8739

Complementary

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



64.6380, 67.4330, 81.5606



69.5098, 73.6466, 72.1808

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.



62.2688, 67.4330, 67.5626



64.6380, 67.4330, 81.5606



64.9979, 67.4330, 66.1009

Square

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



64.6380, 67.4330, 81.5606



66.8748, 67.4330, 71.8777



63.5512, 67.4330, 65.8457



61.3895, 67.4330, 74.9904

Rectangle

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



64.6380, 67.4330, 81.5606



66.5745, 67.4330, 77.3473



63.5512, 67.4330, 65.8457



61.6740, 67.4330, 69.6339

Sweetspot

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



64.6400, 67.4359, 81.5621



91.9111, 96.4706, 108.3842



67.3470, 73.5570, 80.2849



19.7056, 20.6857, 23.2041



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.



64.6400, 67.4359, 81.5621



82.9532, 86.3625, 106.9053



65.1207, 66.5657, 81.3688



13.1732, 13.6855, 17.3349



8.4393, 4.3482, 41.4428



0.6481, 0.4277, 2.8936

Inverse Universe

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



66.7974, 67.6137, 73.1518



86.3673, 86.6612, 93.5924



69.0030, 74.5871, 72.3891



13.8189, 13.7452, 14.8164



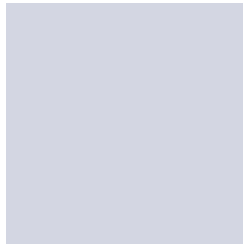
18.2000, 9.3470, 2.4528



1.2934, 0.6606, 0.3379

Previews

White Background



This preview shows how the XYZ color 64.6380, 67.4330, 81.5606 looks on a white background.

Color Contrast Check

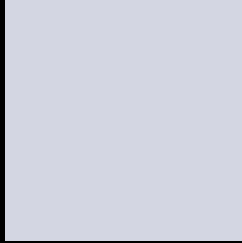
Large Text (above 18pt) WCAG AA × Fail

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 64.6380, 67.4330, 81.5606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

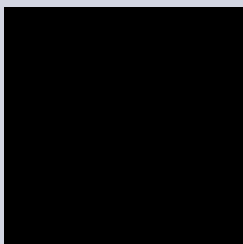
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

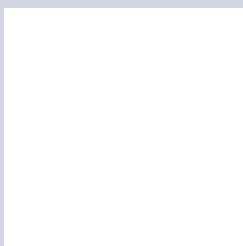
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.6380, 67.4330, 81.5606

Background



This preview shows how black text looks on a background with the XYZ color 64.6380, 67.4330, 81.5606.

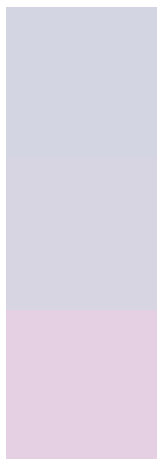


This preview shows how white text looks on a background with the XYZ color 64.6380, 67.4330,

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

64.6380, 67.4330, 81.5606

Protanopia

65.4092, 67.4718, 80.8101

Deuteranopia

68.7341, 67.3158, 82.0436



Tritanopia

65.2286, 67.2987, 84.4149

Trichromacy



Original Color

64.6380, 67.4330, 81.5606

Protanomaly

65.1164, 67.3209, 80.7964

Deuteranomaly

67.0359, 67.1688, 82.1048

Tritanomaly

65.0885, 67.2427, 83.6773

Monochromacy



Original Color

64.6380, 67.4330, 81.5606

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.1420, 67.3012, 75.9395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6380, 67.4330, 81.5606 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(211, 214, 226) looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 226)  
}
```

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(211, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 226) }
```

Border

The CSS property to change the border of an element to XYZ 64.6380, 67.4330, 81.5606 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(211, 214, 226) }
```


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

```
.border{ border-color:rgb(211, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6380, 67.4330, 81.5606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 226) }
```

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

```
.background{ background-color: rgb(211,  
214, 226) }
```

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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