

Converting Colors

XYZ(64.8919, 67.9407, 81.6452)

Have a look what the booklet for
XYZ(64.8919, 67.9407, 81.6452)
contains.

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Color

**XYZ(64.8919, 67.9407,
81.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D7E2
RGB	211, 215, 226
RGB Percent	83%, 84%, 89%
CMY	0.1725, 0.1568, 0.1137
CMYK	0.07, 0.05, 0.00, 0.11
HSL	224°, 21%, 86%
HSV	224°, 7%, 89%
XYZ	64.8919, 67.9407, 81.6452
YIQ	215.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

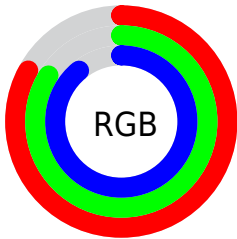
Format	Color
R _Y B	211, 214, 226
Decimal	13883362
CIE Lab	85.98, 0.72, -5.88
CIE LCh	86, 5.921, 276.951
Yxy	67.9407, 0.3026, 0.3168
Android (android.graphics.Color)	4292073442 (0xFFD3D7E2)
YUV	215.0580, 5.3944, -3.5589
Hunter-Lab	82.4261, -3.7175, -1.0300

Details

The XYZ color **64.8919, 67.9407, 81.6452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2435, 73.1141, 72.0922**, and the grayscale version is **64.5997, 67.9639, 74.0127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6318, 35.1498, 43.5401** is the 20% darker color. If you saturate the color by 10%, you get **54.8597, 56.8213, 80.0287**, and if you desaturate by 10%, it is **76.2656, 80.3898, 83.4497**.

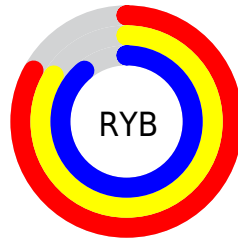
Distribution



Red (83%)

Green (84%)

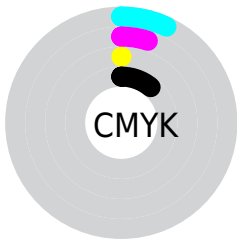
Blue (89%)



Red (83%)

Yellow (84%)

Blue (89%)

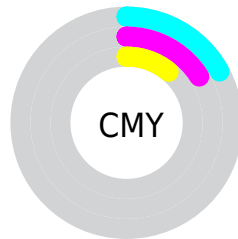


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8919, 67.9407, 81.6452 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 64.8919, 67.9407, 81.6452 by changing the saturation by 10% instead.

■ 64.8919, 67.9407,
81.6452

■ 64.8919, 67.9407,
81.6452

431.9548,
453.2859, 520.3124

■ 47.6378, 49.8495,
60.5390

110.9610,
116.2673, 137.5086

■ 33.7502, 35.2938,
43.4251

140.5067,
147.2715, 173.1028

■ 22.8637, 23.8893,
29.8849

174.8804,
183.3488, 214.3635

■ 14.6131, 15.2515,
19.5000

214.4473,
224.8836, 261.7092

■ 8.6328, 8.9961,
11.8516

259.5728,
272.2603, 315.5583

■ 4.5577, 4.7386,
6.5214

310.6223,

■ 2.0222, 2.0947,

325.8634, 376.3296

3.0908

367.9612,
386.0771, 444.4414

■ 0.6464, 0.6617,
1.1412

■ 0.0000, 0.0000,
0.0000

■ 64.8919, 67.9407,
81.6452

■ 64.8919, 67.9407,
81.6452

■ 54.8597, 56.8213,
80.0287

■ 76.2656, 80.3898,
83.4497

■ 46.1127, 46.9780,
78.5898

■ 88.5790, 93.9737,
85.4227

■ 38.5992, 38.3666,
77.3236

■ 90.7277, 98.2711,
86.1389

■ 32.2617, 30.9365,
76.2235

■ 27.0378, 24.6338,
75.2823

■ 22.8591, 19.3998,
74.4923

■ 19.6494, 15.1704,
73.8451

■ 17.3205, 11.8733,
73.3314

■ 15.7643, 9.4230,
72.9405

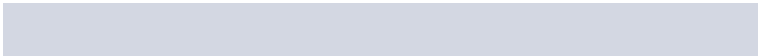
Harmonies

Analogous

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



63.5593, 67.9407, 81.0680



64.8919, 67.9407, 81.6452



66.1570, 67.9407, 80.1105

Triad

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



64.8919, 67.9407, 81.6452



66.6835, 67.9407, 69.5737



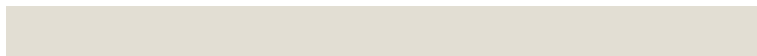
62.2040, 67.9407, 71.0882

Complementary

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



64.8919, 67.9407, 81.6452



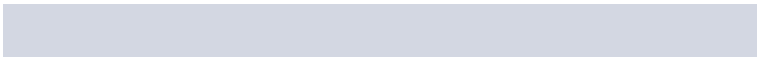
69.2435, 73.1141, 72.0922

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.



63.0196, 67.9407, 68.1627



64.8919, 67.9407, 81.6452



65.6027, 67.9407, 67.3099

Square

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



64.8919, 67.9407, 81.6452



67.2007, 67.9407, 73.0752



64.2603, 67.9407, 66.8025



62.0197, 67.9407, 74.8840

Rectangle

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



64.8919, 67.9407, 81.6452



66.7877, 67.9407, 78.1269



64.2603, 67.9407, 66.8025



62.4129, 67.9407, 69.9745

Sweetspot

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



64.8939, 67.9436, 81.6467



92.0173, 96.6831, 108.4196



67.2128, 73.5033, 79.5779



19.7273, 20.7290, 23.2113



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.



64.8939, 67.9436, 81.6467



83.3521, 87.1603, 107.0382



64.8276, 66.4147, 81.3551



13.2481, 13.8353, 17.3599



8.8462, 5.1620, 41.5785



0.6859, 0.5032, 2.9062

Inverse Universe

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



66.9256, 67.6651, 73.8265



86.5687, 86.7418, 94.6526



69.3098, 74.7453, 72.4036



13.8567, 13.7603, 15.0155



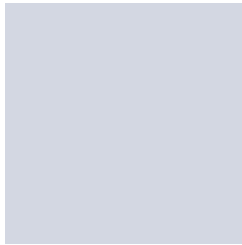
18.4054, 9.4292, 3.5345



1.3124, 0.6683, 0.4382

Previews

White Background



This preview shows how the XYZ color 64.8919, 67.9407, 81.6452 looks on a white background.

Color Contrast Check

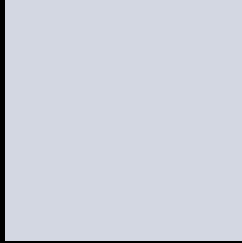
Large Text (above 18pt) WCAG AA × Fail

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 64.8919, 67.9407, 81.6452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

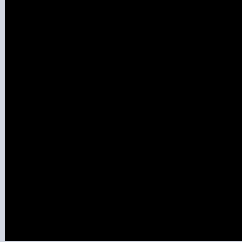
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

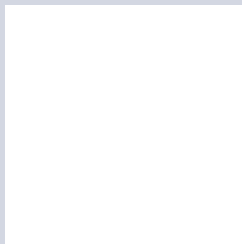
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8919, 67.9407, 81.6452

Background



This preview shows how black text looks on a background with the XYZ color 64.8919, 67.9407, 81.6452.



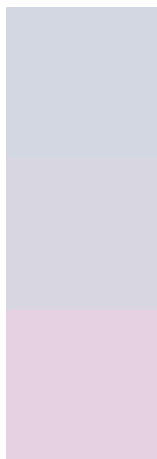
This preview shows how white text looks on a background with the XYZ color 64.8919, 67.9407,

81.6452.

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

64.8919, 67.9407, 81.6452

Protanopia

65.9561, 68.1283, 80.9080

Deuteranopia

69.2987, 67.9700, 82.1401



Tritanopia

65.6217, 67.8597, 85.2409

Trichromacy



Original Color

64.8919, 67.9407, 81.6452

Protanomaly

65.3687, 67.8255, 80.8805

Deuteranomaly

67.5908, 67.8226, 82.2017

Tritanomaly

65.3408, 67.7473, 83.7615

Monochromacy



Original Color

64.8919, 67.9407, 81.6452

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.8182, 68.0115, 76.7291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8919, 67.9407, 81.6452 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, 215, 226) looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 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, 215, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 226) }
```

Border

The CSS property to change the border of an element to XYZ 64.8919, 67.9407, 81.6452 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, 215, 226) }
```


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

```
.border{ border-color:rgb(211, 215, 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, 215, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8919, 67.9407, 81.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 226) }
```

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

```
.background{ background-color: rgb(211,  
215, 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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