

Converting Colors

XYZ(62.9278, 67.6466, 81.2387)

Have a look what the booklet for
XYZ(62.9278, 67.6466, 81.2387)
contains.

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Color

**XYZ(63.0321, 67.7585,
80.9907)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CBD9E1 |
| RGB | 203, 217, 225 |
| RGB Percent | 80%, 85%, 88% |
| CMY | 0.2039, 0.1490, 0.1176 |
| CMYK | 0.10, 0.04, 0.00, 0.12 |
| HSL | 202°, 27%, 84% |
| HSV | 202°, 10%, 88% |
| XYZ | 63.0321, 67.7585, 80.9907 |
| YIQ | 213.7260, -10.9120, -0.4800 |

Conversions

Conversions Part 2

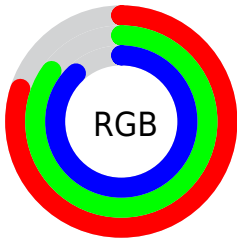
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 203, 212, 225 |
| Decimal | 13359585 |
| CIE Lab | 85.89, -3.14, -5.55 |
| CIE LCh | 86, 6.373, 240.513 |
| Yxy | 67.7585, 0.2976, 0.3199 |
| Android (android.graphics.Color) | 4291549665 (0xFFCBD9E1) |
| YUV | 213.7260, 5.5581, -9.4067 |
| Hunter-Lab | 82.3156, -7.3681, -0.7149 |

Details

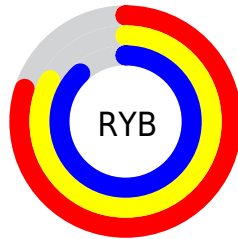
The XYZ color **63.0321, 67.7585, 80.9907** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1254, 66.9075, 65.9831**, and the grayscale version is **63.7031, 67.0206, 72.9855**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5705, 35.1325, 43.0948** is the 20% darker color. If you saturate the color by 10%, you get **55.2881, 60.7157, 80.0405**, and if you desaturate by 10%, it is **71.7738, 75.4744, 82.0203**.

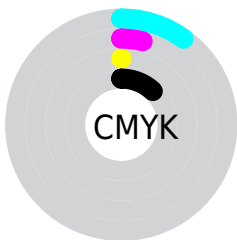
Distribution



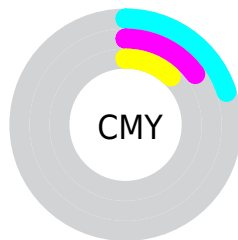
- Red (80%)
- Green (85%)
- Blue (88%)



- Red (80%)
- Yellow (83%)
- Blue (88%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0321, 67.7585, 80.9907 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 63.0321, 67.7585, 80.9907 by changing the saturation by 10% instead.

■ 63.0321, 67.7585,
80.9907

■ 63.0321, 67.7585,
80.9907

425.3438,
452.6399, 518.0599

■ 46.1259, 49.7013,
60.0030

108.2974,
116.0066, 136.5817

■ 32.5502, 35.1761,
42.9957

137.3872,
146.9663, 172.0220

■ 21.9397, 23.7986,
29.5504

171.2689,
182.9955, 213.1169

■ 13.9290, 15.1843,
19.2484

210.3079,
224.4788, 260.2850

■ 8.1526, 8.9488,
11.6713

254.8695,
271.8005, 313.9448

■ 4.2454, 4.7078,
6.4005

305.3192,

■ 1.8419, 2.0769,

325.3450, 374.5149

3.0174

362.0221,
385.4966, 442.4137

■ 0.5427, 0.6516,
1.1035

■ 0.0000, 0.0000,
0.0000

■ 63.0321, 67.7585,
80.9907

■ 63.0321, 67.7585,
80.9907

■ 55.2881, 60.7157,
80.0405

■ 71.7738, 75.4744,
82.0203

■ 48.4963, 54.3149,
79.1630

■ 81.5445, 83.8762,
83.1271

■ 42.6162, 48.5346,
78.3572

■ 86.4464, 89.9274,
84.0367

■ 37.6020, 43.3490,
77.6206

■ 88.9292, 94.8931,
84.8643

■ 33.4035, 38.7299,
76.9503

■ 90.5908, 98.2163,
85.4182

■ 29.9652, 34.6461,
76.3432

■ 27.2235, 31.0624,
75.7960

■ 25.1038, 27.9377,
75.3046

■ 23.4794, 25.2042,
74.8626

Harmonies

Analogous

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



62.0169, 67.7585, 77.9304



63.0321, 67.7585, 80.9907



64.4275, 67.7585, 82.1023

Triad

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



63.0321, 67.7585, 80.9907



67.2471, 67.7585, 73.7056



62.9892, 67.7585, 67.0733

Complementary

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



63.0321, 67.7585, 80.9907



65.1254, 66.9075, 65.9831

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.



64.3773, 67.7585, 66.0353



63.0321, 67.7585, 80.9907



66.8484, 67.7585, 69.7748

Square

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



63.0321, 67.7585, 80.9907



66.8741, 67.7585, 77.8012



65.7925, 67.7585, 67.0058



61.9924, 67.7585, 69.8950

Rectangle

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



63.0321, 67.7585, 80.9907



65.3900, 67.7585, 81.5570



65.7925, 67.7585, 67.0058



63.4248, 67.7585, 66.5091

Sweetspot

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



63.0341, 67.7613, 80.9922



91.4106, 96.8165, 108.4773



63.2753, 71.2362, 71.8472



19.3619, 20.5436, 23.1948



0.0000, 0.0000, 0.0000



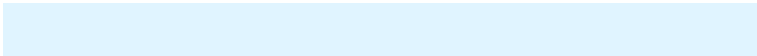
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0341, 67.7613, 80.9922



81.2284, 87.7588, 107.2657



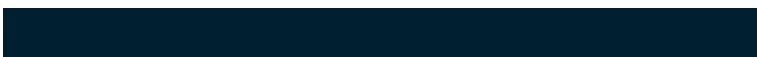
60.3640, 62.4212, 80.1022



13.6758, 14.6907, 17.5025



13.6250, 14.7197, 43.1714



1.0286, 1.1887, 3.0205

Inverse Universe

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



64.9332, 63.7306, 74.5279



84.3138, 81.3108, 96.7410



67.8736, 72.4038, 66.8992



14.0726, 13.8467, 16.1523



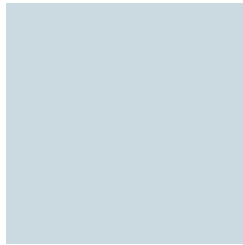
20.8175, 10.3940, 16.2366



1.4855, 0.7375, 1.3493

Previews

White Background



This preview shows how the XYZ color 63.0321, 67.7585, 80.9907 looks on a white background.

Color Contrast Check

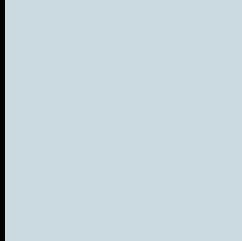
Large Text (above 18pt) WCAG AA × Fail

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 63.0321, 67.7585, 80.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

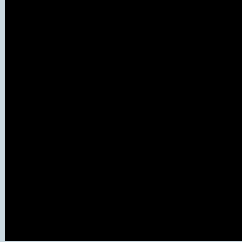
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

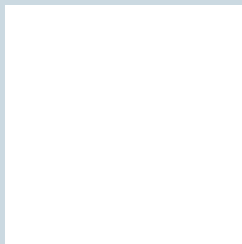
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0321, 67.7585, 80.9907

Background



This preview shows how black text looks on a background with the XYZ color 63.0321, 67.7585, 80.9907.



This preview shows how white text looks on a background with the XYZ color 63.0321, 67.7585,

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

63.0321, 67.7585, 80.9907

Protanopia

65.4324, 67.5151, 79.3951

Deuteranopia

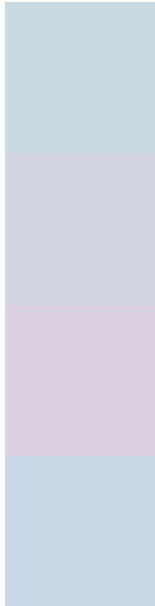
69.0541, 67.4808, 82.0586



Tritanopia

64.1657, 67.8323, 86.8018

Trichromacy



Original Color

63.0321, 67.7585, 80.9907

Protanomaly

64.3651, 67.3238, 80.1234

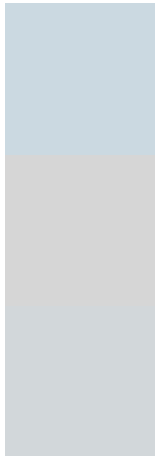
Deuteranomaly

66.5369, 67.2952, 81.4339

Tritanomaly

63.7406, 67.6623, 84.5635

Monochromacy



Original Color

63.0321, 67.7585, 80.9907

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5337, 67.3645, 75.9837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0321, 67.7585, 80.9907 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(203, 217, 225) looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 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(203, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.0321, 67.7585, 80.9907 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(203, 217, 225) }
```


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

```
.border{ border-color:rgb(203, 217, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 217, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0321, 67.7585, 80.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 225) }
```

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

```
.background{ background-color: rgb(203,  
217, 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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