

Converting Colors

XYZ(63.3480, 67.9881, 80.7355)

Have a look what the booklet for
XYZ(63.3480, 67.9881, 80.7355)
contains.

XYZ(63.3053, 67.8993, 81.0035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.3053, 67.8993,
81.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD9E1
RGB	204, 217, 225
RGB Percent	80%, 85%, 88%
CMY	0.2000, 0.1490, 0.1176
CMYK	0.09, 0.04, 0.00, 0.12
HSL	203°, 26%, 84%
HSV	203°, 9%, 88%
XYZ	63.3053, 67.8993, 81.0035
YIQ	214.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

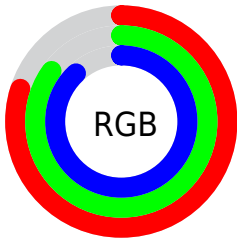
Format	Color
RYB	204, 212, 225
Decimal	13425121
CIELab	85.96, -2.81, -5.44
CIELCh	86, 6.120, 242.647
Yxy	67.8993, 0.2983, 0.3200
Android (android.graphics.Color)	4291615201 (0xFFCCD9E1)
YUV	214.0250, 5.4107, -8.7919
Hunter-Lab	82.4010, -7.0676, -0.6037

Details

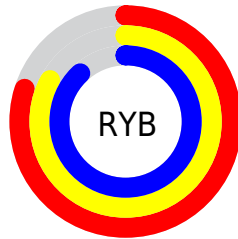
The XYZ color **63.3053, 67.8993, 81.0035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4942, 67.4538, 66.6959**, and the grayscale version is **63.9047, 67.2327, 73.2164**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7537, 35.2270, 43.1034** is the 20% darker color. If you saturate the color by 10%, you get **55.4272, 60.6459, 80.0197**, and if you desaturate by 10%, it is **72.1929, 75.8471, 82.0702**.

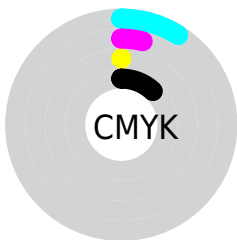
Distribution



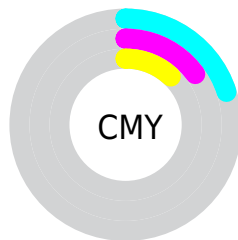
- Red (80%)
- Green (85%)
- Blue (88%)



- 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 63.3053, 67.8993, 81.0035 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 63.3053, 67.8993, 81.0035 by changing the saturation by 10% instead.

■ 63.3053, 67.8993,
81.0035

■ 63.3053, 67.8993,
81.0035

426.3187,
453.1391, 518.1040

■ 46.3478, 49.8158,
60.0135

108.6892,
116.2081, 136.5998

■ 32.7262, 35.2671,
43.0041

137.8463,
147.2022, 172.0431

■ 22.0750, 23.8687,
29.5569

171.8007,
183.2685, 213.1413

■ 14.0289, 15.2362,
19.2533

210.9176,
224.7917, 260.3129

■ 8.2226, 8.9853,
11.6748

255.5626,
272.1559, 313.9764

■ 4.2907, 4.7316,
6.4028

306.1008,

■ 1.8679, 2.0907,

325.7456, 374.5504

3.0188

362.8978,
385.9452, 442.4534

■ 0.5581, 0.6594,
1.1042

■ 0.0000, 0.0000,
0.0000

■ 63.3053, 67.8993,
81.0035

■ 63.3053, 67.8993,
81.0035

■ 55.4272, 60.6459,
80.0197

■ 72.1929, 75.8471,
82.0702

■ 48.5131, 54.0551,
79.1120

■ 82.1215, 84.5024,
83.2176

■ 42.5222, 48.1055,
78.2794

■ 86.7944, 90.6235,
84.1528

■ 37.4088, 42.7705,
77.5191

■ 89.4146, 95.8640,
85.0262

■ 33.1226, 38.0217,
76.8284

■ 90.5908, 98.2163,
85.4182

■ 29.6081, 33.8274,
76.2041

■ 26.8020, 30.1523,
75.6426

■ 24.6297, 26.9550,
75.1399

■ 22.9719, 24.1706,
74.6899

Harmonies

Analogous

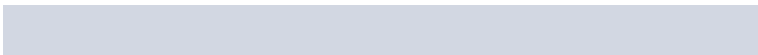
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.2925, 67.8993, 78.1751



63.3053, 67.8993, 81.0035



64.6608, 67.8993, 81.9157

Triad

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



63.3053, 67.8993, 81.0035



67.2672, 67.8993, 73.5748



63.0926, 67.8993, 67.6177

Complementary

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



63.3053, 67.8993, 81.0035



65.4942, 67.4538, 66.6959

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.



64.4118, 67.8993, 66.4824



63.3053, 67.8993, 81.0035



66.8332, 67.8993, 69.8430

Square

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



63.3053, 67.8993, 81.0035



66.9608, 67.8993, 77.5359



65.7830, 67.8993, 67.2823



62.1710, 67.8993, 70.4393

Rectangle

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



63.3053, 67.8993, 81.0035



65.5800, 67.8993, 81.2887



65.7830, 67.8993, 67.2823



63.5036, 67.8993, 67.0309

Sweetspot

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



63.3073, 67.9022, 81.0050



91.3690, 96.7332, 108.4635



63.6740, 71.4273, 72.5212



19.3507, 20.5211, 23.1910



0.0000, 0.0000, 0.0000



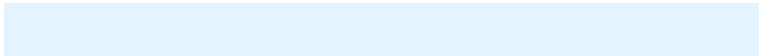
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3073, 67.9022, 81.0050



82.1594, 88.4360, 107.3473



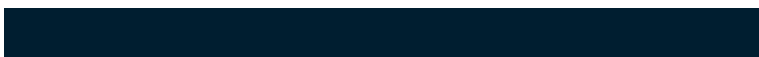
60.7580, 62.8037, 80.1553



13.6553, 14.6497, 17.4956



13.2946, 14.0588, 43.0613



1.0071, 1.1457, 3.0133

Inverse Universe

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



65.1701, 64.2044, 74.6068



85.0730, 82.7218, 97.3248



68.1260, 72.7172, 67.5731



14.0622, 13.8425, 16.0978



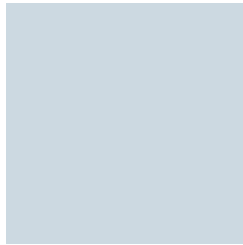
20.6507, 10.3273, 15.3583



1.4746, 0.7331, 1.2921

Previews

White Background



This preview shows how the XYZ color 63.3053, 67.8993, 81.0035 looks on a white background.

Color Contrast Check

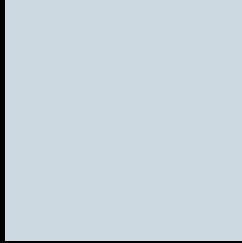
Large Text (above 18pt) WCAG AA × Fail

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 63.3053, 67.8993, 81.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

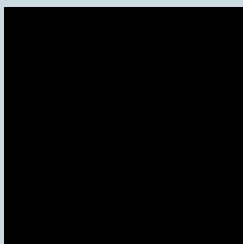
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

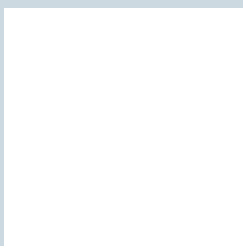
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3053, 67.8993, 81.0035

Background



This preview shows how black text looks on a background with the XYZ color 63.3053, 67.8993, 81.0035.

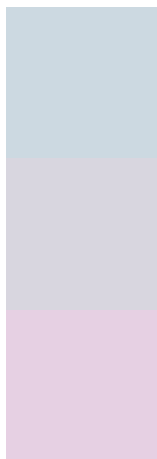


This preview shows how white text looks on a background with the XYZ color 63.3053, 67.8993,

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

63.3053, 67.8993, 81.0035

Protanopia

65.6848, 68.0198, 79.4792

Deuteranopia

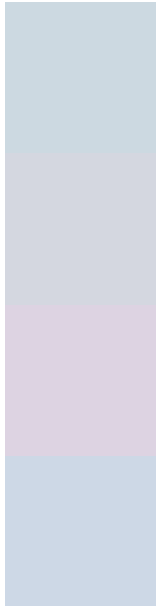
69.0541, 67.4808, 82.0586



Tritanopia

64.4407, 67.9741, 86.8147

Trichromacy



Original Color

63.3053, 67.8993, 81.0035

Protanomaly

64.9064, 67.9797, 80.2215

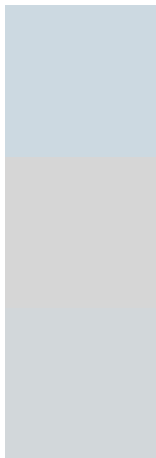
Deuteranomaly

66.8405, 67.4517, 81.4481

Tritanomaly

64.0156, 67.8040, 84.5764

Monochromacy



Original Color

63.3053, 67.8993, 81.0035

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 63.3053, 67.8993, 81.0035 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, 217, 225) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 217, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.3053, 67.8993, 81.0035 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, 217, 225) }
```


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

```
.border{ border-color:rgb(204, 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(204, 217, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 217,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3053, 67.8993, 81.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 217, 225) }
```

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

```
.background{ background-color: rgb(204,  
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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