

Converting Colors

XYZ(63.5592, 67.4070, 74.6278)

Have a look what the booklet for
XYZ(63.5592, 67.4070, 74.6278)
contains.

XYZ(63.5591, 67.4076, 74.6268)	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(63.5591, 67.4076,
74.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D7D8
RGB	211, 215, 216
RGB Percent	83%, 84%, 85%
CMY	0.1725, 0.1568, 0.1529
CMYK	0.02, 0.00, 0.00, 0.15
HSL	192°, 6%, 84%
HSV	192°, 2%, 85%
XYZ	63.5591, 67.4076, 74.6268
YIQ	213.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

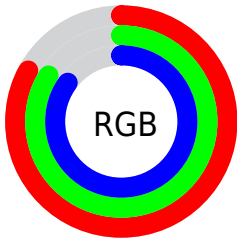
Format	Color
R _Y B	211, 213, 216
Decimal	13883352
CIE Lab	85.71, -1.17, -0.98
CIE LCh	86, 1.520, 219.912
Yxy	67.4076, 0.3091, 0.3279
Android (android.graphics.Color)	4292073432 (0xFFD3D7D8)
YUV	213.9180, 1.0264, -2.5591
Hunter-Lab	82.1021, -5.4935, 3.5798

Details

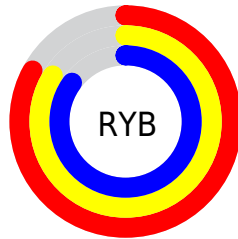
The XYZ color **63.5591, 67.4076, 74.6268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6205, 66.3885, 71.0902**, and the grayscale version is **63.8576, 67.1832, 73.1625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9085, 34.8829, 38.7168** is the 20% darker color. If you saturate the color by 10%, you get **56.7006, 62.2676, 73.9972**, and if you desaturate by 10%, it is **71.2818, 73.0397, 75.3079**.

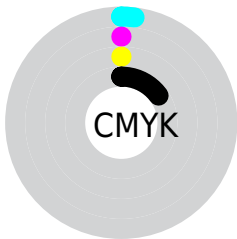
Distribution



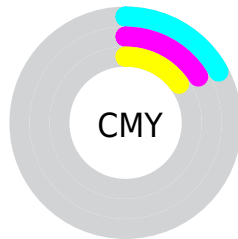
- Red (83%)
- Green (84%)
- Blue (85%)



- Red (83%)
- Yellow (84%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5591, 67.4076, 74.6268 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 63.5591, 67.4076, 74.6268 by changing the saturation by 10% instead.

■ 63.5591, 67.4076,
74.6268

■ 63.5591, 67.4076,
74.6268

427.2232,
451.3942, 495.8550

■ 46.5540, 49.4159,
54.8073

109.0530,
115.5043, 127.5262

■ 32.8897, 34.9495,
38.8499

138.2725,
146.3781, 161.4431

■ 22.2008, 23.6240,
26.3361

172.2943,
182.3147, 200.8964

■ 14.1219, 15.0549,
16.8472

211.4835,
223.6986, 246.3044

■ 8.2878, 8.8580,
9.9648

256.2057,
270.9141, 298.0857

■ 4.3330, 4.6486,
5.2703

306.8262,

■ 1.8922, 2.0426,

324.3456, 356.6589

2.3452

363.7102,
384.3775, 422.4425

■ 0.5723, 0.6321,
0.7564

■ 0.0000, 0.0000,
0.0000

■ 63.5591, 67.4076,
74.6268

■ 63.5591, 67.4076,
74.6268

■ 56.7006, 62.2676,
73.9972

■ 71.2818, 73.0397,
75.3079

■ 50.6674, 57.5937,
73.4130

■ 79.8943, 79.1718,
76.0376

■ 45.4261, 53.3702,
72.8740

■ 81.3565, 81.6613,
76.4410

■ 40.9389, 49.5773,
72.3784

■ 82.5552, 84.0586,
76.8406

37.1644, 46.1933,
71.9242

83.7836, 86.5154,
77.2501

34.0575, 43.1947,
71.5092

85.0419, 89.0320,
77.6695

31.5676, 40.5550,
71.1309

86.3303, 91.6088,
78.0990

29.6366, 38.2439,
70.7866

87.6490, 94.2463,
78.5385

28.1947, 36.2250,
70.4729

88.9983, 96.9448,
78.9883

Harmonies

Analogous

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



63.4147, 67.4076, 73.7244



63.5591, 67.4076, 74.6268



63.8403, 67.4076, 75.2025

Triad

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



63.5591, 67.4076, 74.6268



64.6968, 67.4076, 74.0529



63.9543, 67.4076, 71.5313

Complementary

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



63.5591, 67.4076, 74.6268



63.6205, 66.3885, 71.0902

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.



64.2981, 67.4076, 71.6175



63.5591, 67.4076, 74.6268



64.7276, 67.4076, 73.0674

Square

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



63.5591, 67.4076, 74.6268



64.4974, 67.4076, 74.8691



64.5814, 67.4076, 72.1777



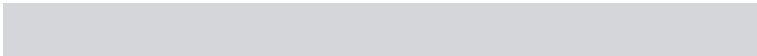
63.6423, 67.4076, 71.9412

Rectangle

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



63.5591, 67.4076, 74.6268



64.0679, 67.4076, 75.3206



64.5814, 67.4076, 72.1777



64.0699, 67.4076, 71.5034

Sweetspot

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



63.5610, 67.4105, 74.6283



93.9561, 99.1957, 108.8024



63.2941, 67.7110, 71.9669



20.1220, 21.2405, 23.2892



0.0000, 0.0000, 0.0000



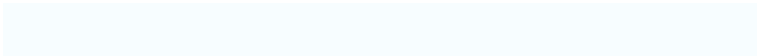
20.3446, 21.4041, 23.3091

Same Dimension

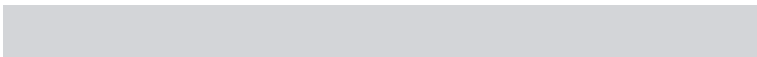
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.5610, 67.4105, 74.6283



91.8068, 97.6088, 108.6094



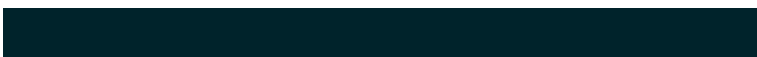
62.9493, 66.1870, 74.4244



13.4110, 14.2952, 15.9899



16.2531, 20.7680, 41.6052



1.0350, 1.3620, 2.5277

Inverse Universe

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



63.8804, 66.0951, 73.6841



92.4133, 95.1180, 106.8148



64.2300, 67.6075, 71.2934



13.5217, 13.8417, 15.6619



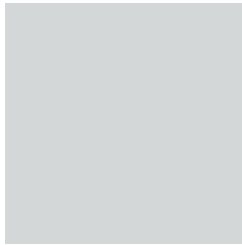
21.2627, 10.4414, 24.4851



1.3101, 0.6408, 1.6222

Previews

White Background



This preview shows how the XYZ color 63.5591, 67.4076, 74.6268 looks on a white background.

Color Contrast Check

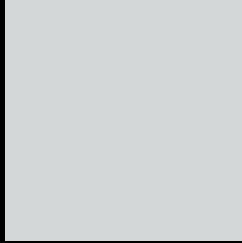
Large Text (above 18pt) WCAG AA × Fail

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 63.5591, 67.4076, 74.6268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

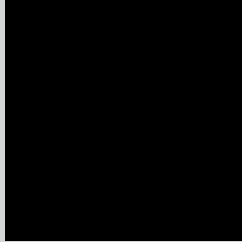
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

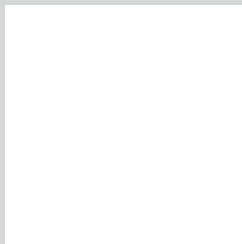
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5591, 67.4076, 74.6268

Background



This preview shows how black text looks on a background with the XYZ color 63.5591, 67.4076, 74.6268.

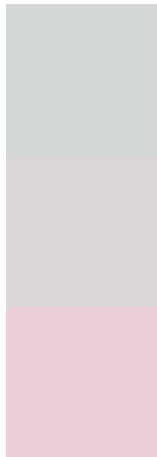


This preview shows how white text looks on a background with the XYZ color 63.5591, 67.4076,

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

63.5591, 67.4076, 74.6268

Protanopia

64.9734, 67.4002, 73.8751

Deuteranopia

68.5720, 67.0112, 75.6500



Tritanopia

65.5177, 67.4478, 84.4285

Trichromacy



Original Color

63.5591, 67.4076, 74.6268

Protanomaly

64.3366, 67.4465, 73.9176

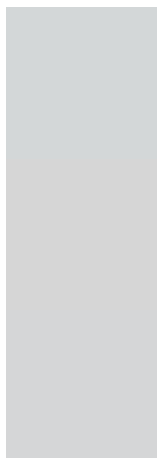
Deuteranomaly

66.6223, 67.1105, 75.0879

Tritanomaly

64.7886, 67.5264, 80.8533

Monochromacy



Original Color

63.5591, 67.4076, 74.6268

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.7529, 67.1456, 73.8902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5591, 67.4076, 74.6268 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.5591, 67.4076, 74.6268 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, 216) }
```


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

```
.border{ border-color:rgb(211, 215, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5591, 67.4076, 74.6268 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, 216) }
```

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

```
.background{ background-color: rgb(211,  
215, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor