

Converting Colors

XYZ(57.8854, 64.2739, 70.1105)

Have a look what the booklet for
XYZ(57.8854, 64.2739, 70.1105)
contains.

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Color

**XYZ(57.9276, 64.2156,
70.3145)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D6D2
RGB	194, 214, 210
RGB Percent	76%, 84%, 82%
CMY	0.2392, 0.1608, 0.1765
CMYK	0.09, 0.00, 0.02, 0.16
HSL	168°, 20%, 80%
HSV	168°, 9%, 84%
XYZ	57.9276, 64.2156, 70.3145
YIQ	207.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

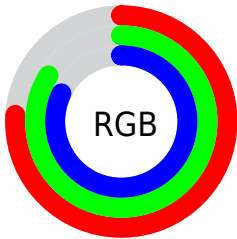
Format	Color
RYB	194, 205, 214
Decimal	12768978
CIELab	84.08, -7.45, -0.32
CIELCh	84, 7.456, 182.491
Yxy	64.2156, 0.3010, 0.3337
Android (android.graphics.Color)	4290959058 (0xFFC2D6D2)
YUV	207.5640, 1.2009, -11.8956
Hunter-Lab	80.1346, -11.2018, 4.0700

Details

The XYZ color **57.9276, 64.2156, 70.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2188, 56.9587, 61.4075**, and the grayscale version is **59.6710, 62.7785, 68.3658**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.2141, 32.7720, 36.2384** is the 20% darker color. If you saturate the color by 10%, you get **52.2997, 61.3769, 67.3039**, and if you desaturate by 10%, it is **64.3644, 67.4732, 73.4402**.

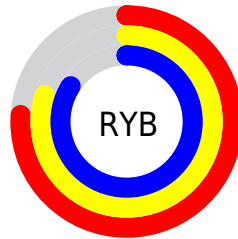
Distribution



Red (76%)

Green (84%)

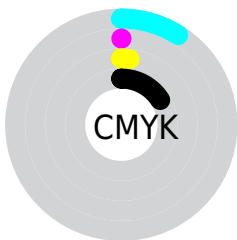
Blue (82%)



Red (76%)

Yellow (80%)

Blue (84%)

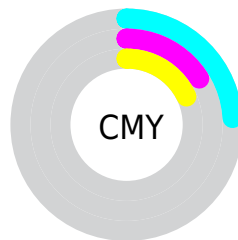


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (16%)



Cyan (24%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9276, 64.2156, 70.3145 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 57.9276, 64.2156, 70.3145 by changing the saturation by 10% instead.

■ 57.9276, 64.2156,
70.3145

■ 57.9276, 64.2156,
70.3145

406.8743,
439.9678, 480.4724

■ 41.9935, 46.8253,
51.3046

■ 100.9410,
110.9214, 121.3425

■ 29.2873, 32.8976,
36.0727

128.7510,
141.0057, 154.1976

■ 19.4436, 22.0480,
24.2002

161.2503,
176.0901, 192.5049

■ 12.0972, 13.8922,
15.2686

198.8043,
216.5590, 236.6828

■ 6.8826, 8.0457,
8.8594

241.7783,
262.7968, 287.1500

■ 3.4344, 4.1242,
4.5540

290.5378,

■ 1.3874, 1.7433,

315.1880, 344.3250

1.9339

345.4480,
374.1168, 408.6263

■ 0.2473, 0.4514,
0.5142

■ 0.0000, 0.0000,
0.0000

■ 57.9276, 64.2156,
70.3145

■ 57.9276, 64.2156,
70.3145

■ 52.2997, 61.3769,
67.3039

■ 64.3644, 67.4732,
73.4402

■ 47.4415, 58.9316,
64.4020

■ 71.6363, 71.1578,
76.6787

■ 43.3187, 56.8638,
61.6079

■ 78.5868, 74.6751,
79.9779

■ 39.8920, 55.1532,
58.9192

■ 79.1713, 74.9089,
83.0555

■ 37.1187, 53.7779,
56.3333

■ 79.7704, 75.1486,
86.2105

■ 34.9513, 52.7133,
53.8473

■ 80.3843, 75.3941,
89.4435

■ 33.3354, 51.9315,
51.4582

■ 81.0132, 75.6457,
92.7551

■ 32.2071, 51.3995,
49.1623

■ 81.6571, 75.9032,
96.1458

■ 31.4594, 51.0622,
46.9540

■ 82.3161, 76.1668,
99.6161

Harmonies

Analogous

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



58.2709, 64.2156, 65.8166



57.9276, 64.2156, 70.3145



58.4044, 64.2156, 74.9023

Triad

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



57.9276, 64.2156, 70.3145



62.7508, 64.2156, 77.8466



62.5084, 64.2156, 62.1854

Complementary

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



57.9276, 64.2156, 70.3145



57.2188, 56.9587, 61.4075

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.



63.7434, 64.2156, 65.1635



57.9276, 64.2156, 70.3145



63.8851, 64.2156, 74.1903

Square

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



57.9276, 64.2156, 70.3145



61.1726, 64.2156, 79.3712



64.2516, 64.2156, 69.5267



60.8976, 64.2156, 61.2503

Rectangle

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



57.9276, 64.2156, 70.3145



59.1283, 64.2156, 77.3587



64.2516, 64.2156, 69.5267



62.9823, 64.2156, 62.9739

Sweetspot

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



57.9294, 64.2183, 70.3159



92.0458, 98.4796, 107.4779



57.1629, 64.0421, 60.3886



19.5338, 20.9938, 22.9239



0.0000, 0.0000, 0.0000



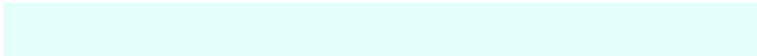
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9294, 64.2183, 70.3159



84.5820, 94.7065, 103.7610



57.0250, 61.6012, 72.5061



12.6807, 14.0633, 15.3991



19.0254, 30.8655, 28.4933



1.1752, 1.8727, 1.8644

Inverse Universe

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



57.2188, 56.9587, 61.4075



83.3411, 82.0291, 88.2050



58.0485, 59.3475, 59.4358



12.5239, 12.4610, 13.4329



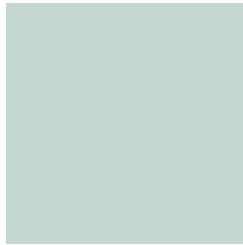
17.0534, 8.7577, 2.3195



1.0585, 0.5402, 0.2976

Previews

White Background



This preview shows how the XYZ color 57.9276, 64.2156, 70.3145 looks on a white background.

Color Contrast Check

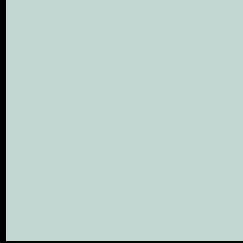
Large Text (above 18pt) WCAG AA × Fail

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 57.9276, 64.2156, 70.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

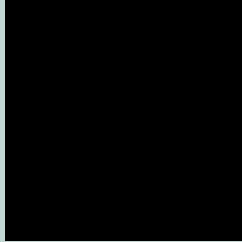
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

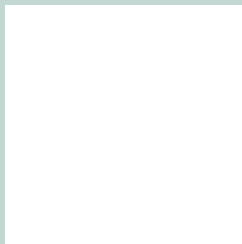
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9276, 64.2156, 70.3145

Background



This preview shows how black text looks on a background with the XYZ color 57.9276, 64.2156, 70.3145.



This preview shows how white text looks on a background with the XYZ color 57.9276, 64.2156,

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

57.9276, 64.2156, 70.3145

Protanopia

61.5499, 63.9129, 68.1239

Deuteranopia

65.2345, 63.9593, 71.1945



Tritanopia

60.3238, 64.0603, 82.5843

Trichromacy



Original Color

57.9276, 64.2156, 70.3145

Protanomaly

60.1639, 63.9127, 68.8399

Deuteranomaly

62.3896, 63.9277, 70.6790

Tritanomaly

59.3596, 64.0432, 77.6396

Monochromacy



Original Color

57.9276, 64.2156, 70.3145

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.1838, 63.3931, 69.4384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9276, 64.2156, 70.3145 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(194, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 210)  
}
```

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(194, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.9276, 64.2156, 70.3145 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(194, 214, 210) }
```


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

```
.border{ border-color:rgb(194, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9276, 64.2156, 70.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 210) }
```

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

```
.background{ background-color: rgb(194,  
214, 210) }
```

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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