

Converting Colors

XYZ(57.8134, 62.6648, 69.2041)

Have a look what the booklet for
XYZ(57.8134, 62.6648, 69.2041)
contains.

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Color

**XYZ(57.8439, 62.7024,
69.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D2D1
RGB	198, 210, 209
RGB Percent	78%, 82%, 82%
CMY	0.2235, 0.1765, 0.1804
CMYK	0.06, 0.00, 0.00, 0.18
HSL	175°, 12%, 80%
HSV	175°, 6%, 82%
XYZ	57.8439, 62.7024, 69.3757
YIQ	206.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

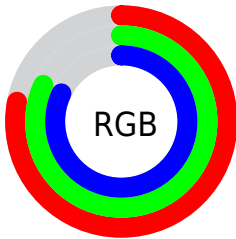
Format	Color
RYB	198, 204, 210
Decimal	13030097
CIELab	83.29, -4.24, -0.92
CIElCh	83, 4.336, 192.215
Yxy	62.7024, 0.3046, 0.3301
Android (android.graphics.Color)	4291220177 (0xFFC6D2D1)
YUV	206.2980, 1.3321, -7.2773
Hunter-Lab	79.1848, -8.1807, 3.4840

Details

The XYZ color **57.8439, 62.7024, 69.3757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0835, 58.2149, 62.2637**, and the grayscale version is **58.8534, 61.9184, 67.4291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3065, 32.0728, 35.6564** is the 20% darker color. If you saturate the color by 10%, you get **52.4721, 59.9598, 67.9972**, and if you desaturate by 10%, it is **63.9892, 65.8469, 70.8054**.

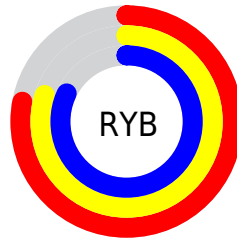
Distribution



Red (78%)

Green (82%)

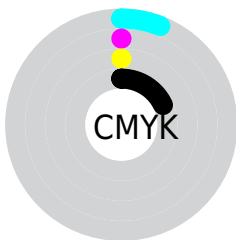
Blue (82%)



Red (78%)

Yellow (80%)

Blue (82%)

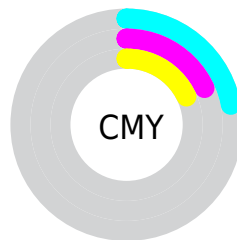


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8439, 62.7024, 69.3757 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 57.8439, 62.7024, 69.3757 by changing the saturation by 10% instead.

■ 57.8439, 62.7024,
69.3757

■ 57.8439, 62.7024,
69.3757

406.5673,
434.4886, 477.0847

■ 41.9259, 45.6005,
50.5441

100.8198,
108.7401, 119.9908

■ 29.2342, 31.9307,
35.4717

128.6084,
138.4446, 152.6113

■ 19.4032, 21.3086,
23.7400

161.0846,
173.1188, 190.6653

■ 12.0677, 13.3497,
14.9304

198.6138,
213.1471, 234.5711

■ 6.8623, 7.6698,
8.6245

241.5613,
258.9138, 284.7475

■ 3.4217, 3.8844,
4.4036

290.2925,

■ 1.3805, 1.6091,

310.8034, 341.6128

1.8493

345.1727,
369.2002, 405.5857

■ 0.2423, 0.3637,
0.4602

■ 0.0000, 0.0000,
0.0000

■ 57.8439, 62.7024,
69.3757

■ 57.8439, 62.7024,
69.3757

■ 52.4721, 59.9598,
67.9972

■ 63.9892, 65.8469,
70.8054

■ 47.8370, 57.5951,
66.6644


■ 70.9322, 69.4006,
72.2838


■ 43.9068, 55.5934,
65.3770


■ 76.4596, 72.2243,
73.7084

■ 40.6455, 53.9363,
64.1333


■ 76.6854, 72.3146,
74.8976

 38.0135, 52.6033,
62.9314


 76.9137, 72.4059,
76.0995


 35.9675, 51.5722,
61.7692


 77.1443, 72.4982,
77.3143


 34.4582, 50.8175,
60.6444

 77.3775, 72.5914,
78.5419

 33.4288, 50.3098,
59.5543

 77.6130, 72.6857,
79.7823

 32.8088, 50.0130,
58.4955

 77.8510, 72.7809,
81.0358

Harmonies

Analogous

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



57.8886, 62.7024, 66.7000



57.8439, 62.7024, 69.3757



58.2653, 62.7024, 71.8175

Triad

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



57.8439, 62.7024, 69.3757



60.8221, 62.7024, 72.1868



60.1517, 62.7024, 63.4508

Complementary

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



57.8439, 62.7024, 69.3757



57.0835, 58.2149, 62.2637

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.



60.9484, 62.7024, 64.8457



57.8439, 62.7024, 69.3757



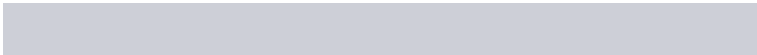
61.3382, 62.7024, 69.8691

Square

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



57.8439, 62.7024, 69.3757



59.9808, 62.7024, 73.4689



61.3847, 62.7024, 67.1806



59.2143, 62.7024, 63.3267

Rectangle

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



57.8439, 62.7024, 69.3757



58.7564, 62.7024, 72.9652



61.3847, 62.7024, 67.1806



60.4451, 62.7024, 63.7849

Sweetspot

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



57.8457, 62.7051, 69.3771



93.1299, 99.0181, 108.4523



56.8478, 62.3426, 62.4641



19.9538, 21.2042, 23.2180



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.



57.8457, 62.7051, 69.3771



88.5458, 96.6746, 107.3466



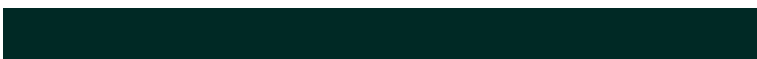
56.8026, 60.4194, 69.6442



12.3404, 13.5051, 15.0134



19.9102, 30.4570, 35.5029



1.1261, 1.7081, 2.0529

Inverse Universe

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



57.0835, 58.2149, 62.2637



87.0948, 88.1261, 93.8040



58.0823, 60.3984, 62.0238



12.1252, 12.2367, 13.0041



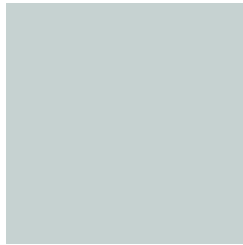
16.2921, 8.3897, 1.1785



0.9252, 0.4748, 0.1408

Previews

White Background



This preview shows how the XYZ color 57.8439, 62.7024, 69.3757 looks on a white background.

Color Contrast Check

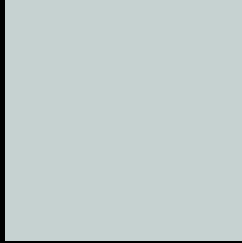
Large Text (above 18pt) WCAG AA × Fail

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 57.8439, 62.7024, 69.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

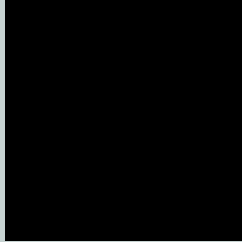
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

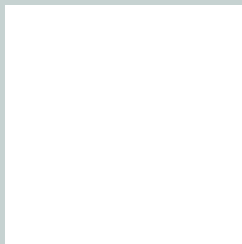
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8439, 62.7024, 69.3757

Background



This preview shows how black text looks on a background with the XYZ color 57.8439, 62.7024, 69.3757.

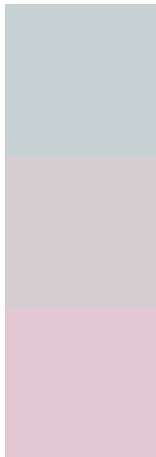


This preview shows how white text looks on a background with the XYZ color 57.8439, 62.7024,

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

57.8439, 62.7024, 69.3757

Protanopia

60.1978, 62.4965, 67.9218

Deuteranopia

64.0085, 62.6452, 70.3461



Tritanopia

59.8298, 62.7729, 79.4840

Trichromacy



Original Color

57.8439, 62.7024, 69.3757

Protanomaly

59.1516, 62.3015, 68.5823

Deuteranomaly

61.5446, 62.4378, 69.7807

Tritanomaly

59.1398, 62.8575, 76.0335

Monochromacy



Original Color

57.8439, 62.7024, 69.3757

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2039, 61.8272, 67.8976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8439, 62.7024, 69.3757 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(198, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 209)  
}
```

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(198, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.8439, 62.7024, 69.3757 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(198, 210, 209) }
```


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

```
.border{ border-color:rgb(198, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8439, 62.7024, 69.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 209) }
```

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

```
.background{ background-color: rgb(198,  
210, 209) }
```

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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