

Converting Colors

XYZ(58.0869, 63.5529, 72.1739)

Have a look what the booklet for
XYZ(58.0869, 63.5529, 72.1739)
contains.

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Color

**XYZ(58.0594, 63.4932,
72.1461)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D4D5
RGB	195, 212, 213
RGB Percent	76%, 83%, 84%
CMY	0.2353, 0.1686, 0.1647
CMYK	0.08, 0.00, 0.00, 0.16
HSL	183°, 18%, 80%
HSV	183°, 8%, 84%
XYZ	58.0594, 63.4932, 72.1461
YIQ	207.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

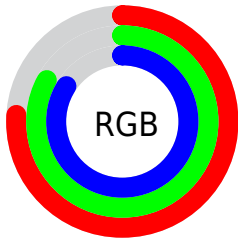
Format	Color
R_{YB}	195, 204, 213
Decimal	12834005
CIE _{Lab}	83.70, -5.50, -2.46
CIE _{LCh}	84, 6.029, 204.098
Yxy	63.4932, 0.2997, 0.3278
Android (android.graphics.Color)	4291024085 (0xFFC3D4D5)
YUV	207.0310, 2.9427, -10.5512
Hunter-Lab	79.6826, -9.3836, 2.0956

Details

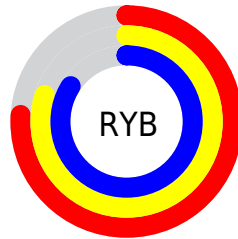
The XYZ color **58.0594, 63.4932, 72.1461** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0310, 57.5656, 59.7362**, and the grayscale version is **59.3161, 62.4052, 67.9593**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.2130, 32.2453, 37.0320** is the 20% darker color. If you saturate the color by 10%, you get **52.6505, 60.2705, 71.8101**, and if you desaturate by 10%, it is **64.2592, 67.1303, 72.5224**.

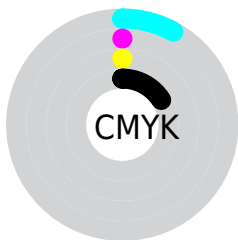
Distribution



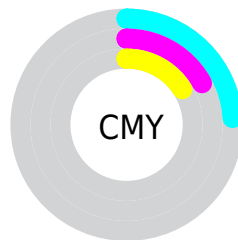
- Red (76%)
- Green (83%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0594, 63.4932, 72.1461 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 58.0594, 63.4932, 72.1461 by changing the saturation by 10% instead.

■ 58.0594, 63.4932,
72.1461

■ 58.0594, 63.4932,
72.1461

407.3575,
437.3572, 487.0412

■ 42.0999, 46.2403,
52.7905

101.1318,
109.8807, 123.9739

■ 29.3709, 32.4355,
37.2489

128.9754,
139.7842, 157.2831

■ 19.5073, 21.6944,
25.1030

161.5110,
174.6733, 196.0806

■ 12.1436, 13.6325,
15.9341

199.1041,
214.9324, 240.7849

■ 6.9144, 7.8655,
9.3237

242.1199,
260.9460, 291.8146

■ 3.4545, 4.0090,
4.8532

290.9239,

■ 1.3984, 1.6786,

313.0984, 349.5882

2.1042

345.8813,
371.7740, 414.5242

■ 0.2551, 0.4097,
0.6182

■ 0.0000, 0.0000,
0.0000

■ 58.0594, 63.4932,
72.1461

■ 58.0594, 63.4932,
72.1461

■ 52.6505, 60.2705,
71.8101

■ 64.2592, 67.1303,
72.5224

■ 47.9939, 57.4370,
71.5086

■ 71.2755, 71.1898,
72.9361

■ 44.0561, 54.9773,
71.2414

■ 77.6893, 74.9419,
73.3223

■ 40.7987, 52.8715,
71.0066

■ 77.9917, 75.5467,
73.4231

■ 38.1799, 51.0982,
70.8024

■ 78.2963, 76.1559,
73.5246

■ 36.1533, 49.6332,
70.6264

■ 78.6030, 76.7693,
73.6269

■ 34.6661, 48.4495,
70.4763

■ 78.9119, 77.3872,
73.7298

■ 33.6561, 47.5150,
70.3492

■ 79.2230, 78.0094,
73.8335

■ 33.0296, 46.7813,
70.2406

■ 79.5363, 78.6360,
73.9380

Harmonies

Analogous

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



57.8570, 63.4932, 68.3881



58.0594, 63.4932, 72.1461



58.8712, 63.4932, 75.1945

Triad

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



58.0594, 63.4932, 72.1461



62.4292, 63.4932, 73.4871



60.6099, 63.4932, 62.1472

Complementary

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



58.0594, 63.4932, 72.1461



57.0310, 57.5656, 59.7362

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.



61.8501, 63.4932, 63.4069



58.0594, 63.4932, 72.1461



62.9103, 63.4932, 69.8839

Square

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



58.0594, 63.4932, 72.1461



61.3914, 63.4932, 75.9883



62.6967, 63.4932, 66.2056



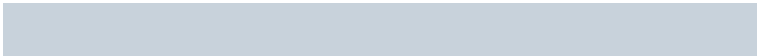
59.3173, 63.4932, 62.7035

Rectangle

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



58.0594, 63.4932, 72.1461



59.6552, 63.4932, 76.3677



62.6967, 63.4932, 66.2056



61.0470, 63.4932, 62.3709

Sweetspot

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



58.0612, 63.4959, 72.1475



92.1564, 98.3079, 108.7259



56.2533, 63.1726, 61.3945



19.5638, 20.9472, 23.2620



0.0000, 0.0000, 0.0000



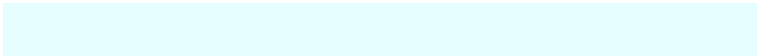
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0612, 63.4959, 72.1475



85.8341, 94.5829, 108.3401



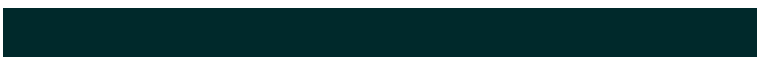
55.8965, 59.1664, 71.4259



12.7306, 13.9845, 15.9658



20.1496, 28.5610, 42.9040



1.2337, 1.7594, 2.5939

Inverse Universe

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



58.8407, 57.9310, 70.3711



87.2214, 84.7051, 105.1732



59.0993, 61.7021, 60.4256



12.9220, 12.6203, 15.5292



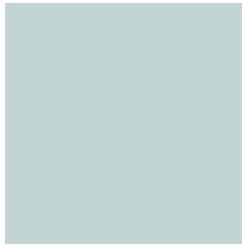
23.2295, 11.2281, 34.8420



1.4104, 0.6809, 2.1503

Previews

White Background



This preview shows how the XYZ color 58.0594, 63.4932, 72.1461 looks on a white background.

Color Contrast Check

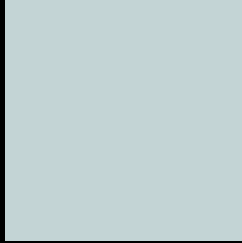
Large Text (above 18pt) WCAG AA × Fail

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 58.0594, 63.4932, 72.1461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

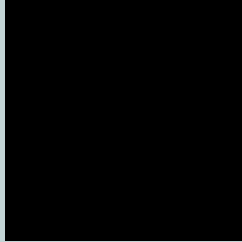
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

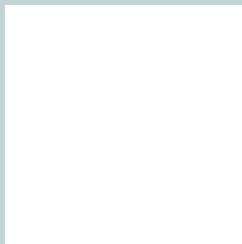
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0594, 63.4932, 72.1461

Background



This preview shows how black text looks on a background with the XYZ color 58.0594, 63.4932, 72.1461.

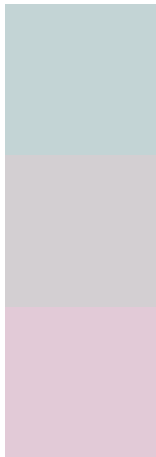


This preview shows how white text looks on a background with the XYZ color 58.0594, 63.4932,

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

58.0594, 63.4932, 72.1461

Protanopia

60.8097, 63.1277, 69.9526

Deuteranopia

64.7503, 63.3161, 73.0985



Tritanopia

59.9377, 63.5096, 81.7726

Trichromacy



Original Color

58.0594, 63.4932, 72.1461

Protanomaly

59.7352, 63.2832, 70.6945

Deuteranomaly

62.2332, 63.4447, 72.5843

Tritanomaly

59.2440, 63.5982, 78.2604

Monochromacy



Original Color

58.0594, 63.4932, 72.1461

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9377, 62.9009, 69.3563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0594, 63.4932, 72.1461 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(195, 212, 213) looks like.

```
.text, #text, p{  
    color:rgb(195, 212, 213)  
}
```

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(195, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.0594, 63.4932, 72.1461 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(195, 212, 213) }
```


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

```
.border{ border-color:rgb(195, 212, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(195, 212,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0594, 63.4932, 72.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 212, 213) }
```

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

```
.background{ background-color: rgb(195,  
212, 213) }
```

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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