

Converting Colors

XYZ(58.0526, 63.8619, 72.2177)

Have a look what the booklet for
XYZ(58.0526, 63.8619, 72.2177)
contains.

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Color

**XYZ(58.0526, 63.8619,
72.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D5D5
RGB	194, 213, 213
RGB Percent	76%, 84%, 84%
CMY	0.2392, 0.1647, 0.1647
CMYK	0.09, 0.00, 0.00, 0.16
HSL	180°, 18%, 80%
HSV	180°, 9%, 84%
XYZ	58.0526, 63.8619, 72.2177
YIQ	207.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

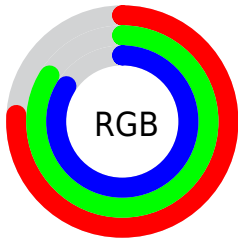
Format	Color
RYB	194, 204, 213
Decimal	12768725
CIELab	83.89, -6.35, -2.19
CIElCh	84, 6.716, 199.005
Yxy	63.8619, 0.2990, 0.3290
Android (android.graphics.Color)	4290958805 (0xFFC2D5D5)
YUV	207.3190, 2.8007, -11.6808
Hunter-Lab	79.9136, -10.1790, 2.3594

Details

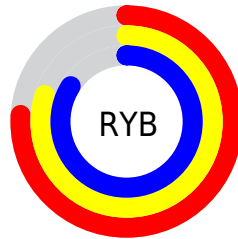
The XYZ color **58.0526, 63.8619, 72.2177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4722, 56.6264, 58.9954**, and the grayscale version is **59.5030, 62.6018, 68.1734**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.2136, 32.4978, 37.0807** is the 20% darker color. If you saturate the color by 10%, you get **52.9730, 61.2451, 71.9790**, and if you desaturate by 10%, it is **63.9195, 66.8881, 72.4959**.

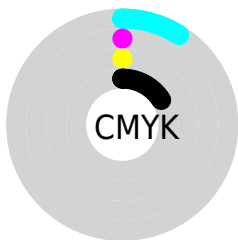
Distribution



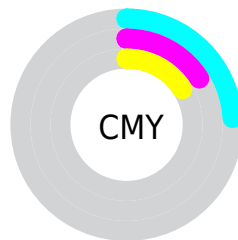
- Red (76%)
- Green (84%)
- Blue (84%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0526, 63.8619, 72.2177 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 58.0526, 63.8619, 72.2177 by changing the saturation by 10% instead.

■ 58.0526, 63.8619,
72.2177

■ 58.0526, 63.8619,
72.2177

407.3326,
438.6908, 487.2969

■ 42.0944, 46.5388,
52.8486

■ 101.1220,
110.4120, 124.0766

■ 29.3666, 32.6712,
37.2950

128.9638,
140.4079, 157.4035

■ 19.5040, 21.8747,
25.1384

161.4976,
175.3968, 196.2200

■ 12.1412, 13.7649,
15.9603

199.0886,
215.7631, 240.9448

■ 6.9128, 7.9573,
9.3420

242.1023,
261.8913, 291.9963

■ 3.4535, 4.0676,
4.8651

290.9039,

■ 1.3979, 1.7115,

314.1657, 349.7932

2.1110

345.8589,
372.9707, 414.7538

■ 0.2547, 0.4311,
0.6223

■ 0.0000, 0.0000,
0.0000

■ 58.0526, 63.8619,
72.2177

■ 58.0526, 63.8619,
72.2177

■ 52.9730, 61.2451,
71.9790

■ 63.9195, 66.8881,
72.4959

■ 48.6420, 59.0124,
71.7739


■ 70.5993, 70.3316,
72.8109


■ 45.0258, 57.1483,
71.6024


■ 77.0472, 73.6556,
73.1150


■ 42.0861, 55.6328,
71.4625


■ 77.0477, 73.6557,
73.1173


 39.7809, 54.4445,
71.3523


 77.0481, 73.6559,
73.1197


 38.0634, 53.5591,
71.2695


 77.0485, 73.6561,
73.1220


 36.8805, 52.9494,
71.2118

 77.0490, 73.6563,
73.1244

 36.1695, 52.5829,
71.1762

 77.0494, 73.6565,
73.1267

 35.8306, 52.4082,
71.1580

 77.0499, 73.6566,
73.1291

Harmonies

Analogous

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



57.9530, 63.8619, 67.9948



58.0526, 63.8619, 72.2177



58.8545, 63.8619, 75.8572

Triad

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



58.0526, 63.8619, 72.2177



62.8681, 63.8619, 75.0088



61.2422, 63.8619, 61.8510

Complementary

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



58.0526, 63.8619, 72.2177



56.4722, 56.6264, 58.9954

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.



62.5813, 63.8619, 63.5737



58.0526, 63.8619, 72.2177



63.5301, 63.8619, 71.0978

Square

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



58.0526, 63.8619, 72.2177



61.6285, 63.8619, 77.5133



63.4243, 63.8619, 66.9191



59.7785, 63.8619, 62.1234

Rectangle

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



58.0526, 63.8619, 72.2177



59.6868, 63.8619, 77.4095



63.4243, 63.8619, 66.9191



61.7222, 63.8619, 62.2131

Sweetspot

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



58.0544, 63.8646, 72.2191



92.2911, 98.5778, 108.7698



55.8632, 62.9975, 60.2554



19.6003, 21.0204, 23.2740



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.



58.0544, 63.8646, 72.2191



85.4720, 95.0625, 108.4479



55.8095, 59.3741, 71.4728



12.7922, 14.1079, 15.9859



21.8683, 32.0027, 43.4636



1.3190, 1.9303, 2.6217

Inverse Universe

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



56.4722, 56.6264, 58.9954



82.5543, 81.7144, 84.0616



58.5797, 60.8420, 59.6961



12.4234, 12.4209, 12.9038



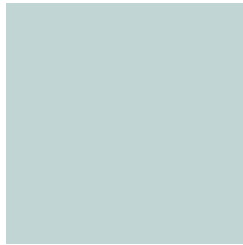
16.7621, 8.6412, 0.7853



1.0110, 0.5212, 0.0475

Previews

White Background



This preview shows how the XYZ color 58.0526, 63.8619, 72.2177 looks on a white background.

Color Contrast Check

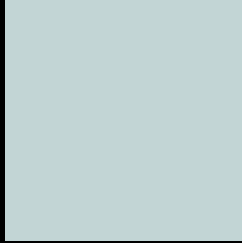
Large Text (above 18pt) WCAG AA × Fail

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 58.0526, 63.8619, 72.2177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

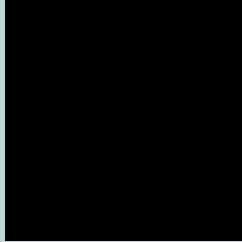
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

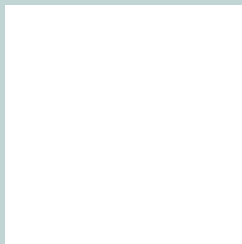
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0526, 63.8619, 72.2177

Background



This preview shows how black text looks on a background with the XYZ color 58.0526, 63.8619, 72.2177.

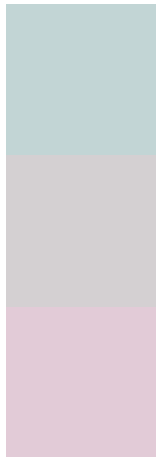


This preview shows how white text looks on a background with the XYZ color 58.0526, 63.8619,

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

58.0526, 63.8619, 72.2177

Protanopia

61.3401, 63.7619, 70.0471

Deuteranopia

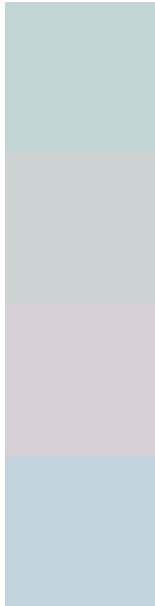
64.9857, 63.7869, 73.1770



Tritanopia

59.9243, 63.8703, 81.8429

Trichromacy



Original Color

58.0526, 63.8619, 72.2177

Protanomaly

59.9813, 63.7755, 70.7766

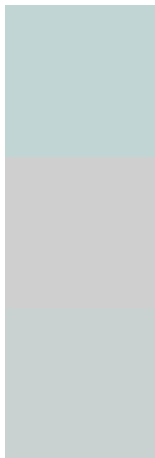
Deuteranomaly

62.1820, 63.7768, 72.6511

Tritanomaly

59.2340, 63.9630, 78.3314

Monochromacy



Original Color

58.0526, 63.8619, 72.2177

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6662, 62.7609, 69.3436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0526, 63.8619, 72.2177 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, 213, 213) looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 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(194, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.0526, 63.8619, 72.2177 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, 213, 213) }
```


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

```
.border{ border-color:rgb(194, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0526, 63.8619, 72.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 213) }
```

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

```
.background{ background-color: rgb(194,  
213, 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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