

Converting Colors

XYZ(58.1790, 63.4230, 71.8706)

Have a look what the booklet for
XYZ(58.1790, 63.4230, 71.8706)
contains.

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Color

**XYZ(58.3187, 63.6268,
72.1583)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C4D4D5 |
| RGB | 196, 212, 213 |
| RGB Percent | 77%, 83%, 84% |
| CMY | 0.2314, 0.1686, 0.1647 |
| CMYK | 0.08, 0.00, 0.00, 0.16 |
| HSL | 184°, 17%, 80% |
| HSV | 184°, 8%, 84% |
| XYZ | 58.3187, 63.6268, 72.1583 |
| YIQ | 207.3300, -9.8570, -3.0810 |

Conversions

Conversions Part 2

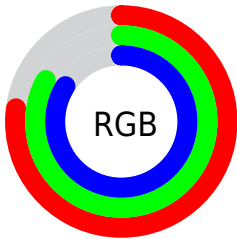
| Format | Color |
|-------------------------------------|---|
| RYB | 196, 204, 213 |
| Decimal | 12899541 |
| CIELab | 83.77, -5.17, -2.35 |
| CIELCh | 84, 5.683, 204.436 |
| Yxy | 63.6268, 0.3005, 0.3278 |
| Android (android.graphics.Color) | 4291089621 (0xFFC4D4D5) |
| YUV | 207.3300, 2.7953, -9.9364 |
| Hunter-Lab | 79.7664, -9.0866, 2.2016 |

Details

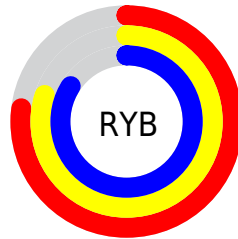
The XYZ color **58.3187, 63.6268, 72.1583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3710, 58.0639, 60.4094**, and the grayscale version is **59.5095, 62.6086, 68.1808**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.3839, 32.3333, 37.0400** is the 20% darker color. If you saturate the color by 10%, you get **52.8563, 60.3508, 71.8149**, and if you desaturate by 10%, it is **64.5737, 67.3185, 72.5422**.

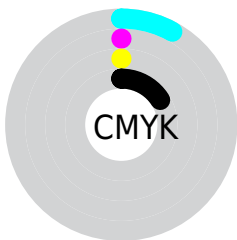
Distribution



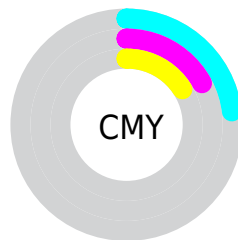
- Red (77%)
- Green (83%)
- Blue (84%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



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



- Cyan (23%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3187, 63.6268, 72.1583 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 58.3187, 63.6268, 72.1583 by changing the saturation by 10% instead.

■ 58.3187, 63.6268,
72.1583

■ 58.3187, 63.6268,
72.1583

408.3072,
437.8407, 487.0847

■ 42.3092, 46.3485,
52.8004

101.5071,
110.0733, 123.9914

■ 29.5356, 32.5209,
37.2568

129.4167,
140.0102, 157.3036

■ 19.6327, 21.7597,
25.1090

162.0237,
174.9355, 196.1044

■ 12.2350, 13.6804,
15.9386

199.6935,
215.2335, 240.8122

■ 6.9773, 7.8987,
9.3268

242.7913,
261.2887, 291.8456

■ 3.4941, 4.0302,
4.8552

291.6827,

■ 1.4201, 1.6905,

313.4853, 349.6231

2.1053

346.7328,
372.2079, 414.5633

■ 0.2705, 0.4175,
0.6189

■ 0.0000, 0.0000,
0.0000

■ 58.3187, 63.6268,
72.1583

■ 58.3187, 63.6268,
72.1583

■ 52.8563, 60.3508,
71.8149

■ 64.5737, 67.3185,
72.5422

■ 48.1482, 57.4655,
71.5061

■ 71.6469, 71.4338,
72.9637

■ 44.1607, 54.9553,
71.2317

■ 77.7428, 75.0489,
73.3402

■ 40.8559, 52.8005,
70.9900

■ 78.0635, 75.6904,
73.4471

■ 38.1919, 50.9797,
70.7790

■ 78.3867, 76.3367,
73.5548

■ 36.1227, 49.4690,
70.5964

■ 78.7124, 76.9880,
73.6634

■ 34.5958, 48.2415,
70.4400

■ 79.0404, 77.6442,
73.7728

■ 33.5497, 47.2653,
70.3067

■ 79.3710, 78.3052,
73.8829

■ 32.8957, 46.4948,
70.1924

■ 79.7040, 78.9712,
73.9939

Harmonies

Analogous

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



58.1203, 63.6268, 68.6152



58.3187, 63.6268, 72.1583



59.0916, 63.6268, 75.0159

Triad

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



58.3187, 63.6268, 72.1583



62.4468, 63.6268, 73.3496



60.7081, 63.6268, 62.6669

Complementary

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



58.3187, 63.6268, 72.1583



57.3710, 58.0639, 60.4094

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.



61.8806, 63.6268, 63.8418



58.3187, 63.6268, 72.1583



62.8932, 63.6268, 69.9466

Square

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



58.3187, 63.6268, 72.1583



61.4726, 63.6268, 75.7201



62.6846, 63.6268, 66.4769



59.4889, 63.6268, 63.2135

Rectangle

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



58.3187, 63.6268, 72.1583



59.8343, 63.6268, 76.1063



62.6846, 63.6268, 66.4769



61.1210, 63.6268, 62.8723

Sweetspot

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



58.3205, 63.6295, 72.1597



93.1032, 98.8549, 108.7816



56.6212, 63.3497, 61.9778



19.9483, 21.1710, 23.2850



0.0000, 0.0000, 0.0000



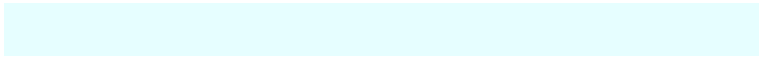
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3205, 63.6295, 72.1597



85.8077, 94.5300, 108.3313



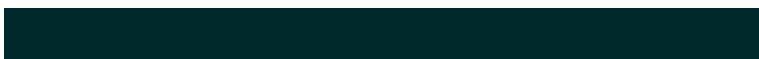
56.2861, 59.5605, 71.4816



12.7269, 13.9773, 15.9646



20.0518, 28.3653, 42.8714



1.2288, 1.7496, 2.5923

Inverse Universe

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



59.0656, 58.3808, 70.4460



87.2080, 84.6998, 105.1029



59.3206, 61.9631, 61.0592



12.9201, 12.6195, 15.5196



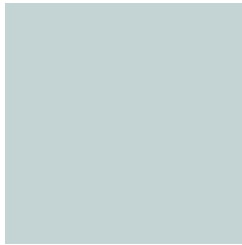
23.1801, 11.2083, 34.5819



1.4079, 0.6799, 2.1373

Previews

White Background



This preview shows how the XYZ color 58.3187, 63.6268, 72.1583 looks on a white background.

Color Contrast Check

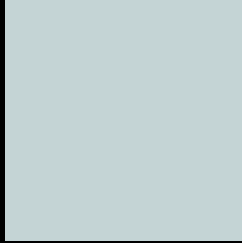
Large Text (above 18pt) WCAG AA × Fail

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 58.3187, 63.6268, 72.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

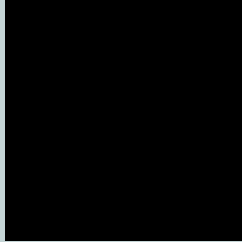
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

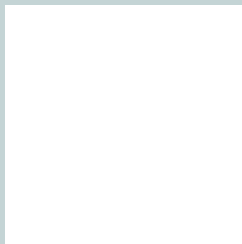
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3187, 63.6268, 72.1583

Background



This preview shows how black text looks on a background with the XYZ color 58.3187, 63.6268, 72.1583.

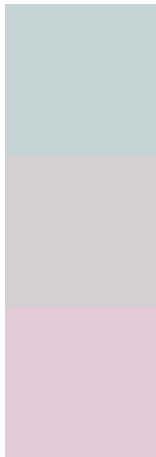


This preview shows how white text looks on a background with the XYZ color 58.3187, 63.6268,

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

58.3187, 63.6268, 72.1583

Protanopia

61.3401, 63.7619, 70.0471

Deuteranopia

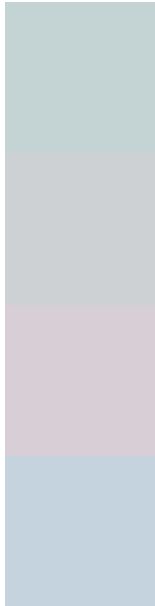
64.7503, 63.3161, 73.0985



Tritanopia

60.2004, 63.6450, 81.7849

Trichromacy



Original Color

58.3187, 63.6268, 72.1583

Protanomaly

60.0119, 63.4259, 70.7075

Deuteranomaly

62.2332, 63.4447, 72.5843

Tritanomaly

59.5050, 63.7328, 78.2726

Monochromacy



Original Color

58.3187, 63.6268, 72.1583

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 58.3187, 63.6268, 72.1583 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(196, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.3187, 63.6268, 72.1583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

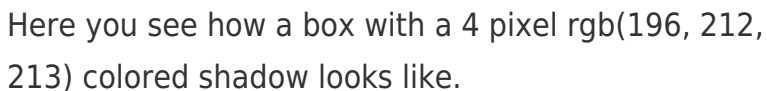
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 212, 213) }
```


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

```
.border{ border-color:rgb(196, 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(196, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 212, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 212, 213); box-shadow:4px 4px 4px 4px rgb(196, 212, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3187, 63.6268, 72.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 213) }
```

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

```
.background{ background-color: rgb(196,  
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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