

Converting Colors

XYZ(58.3710, 64.0658, 73.5580)

Have a look what the booklet for
XYZ(58.3710, 64.0658, 73.5580)
contains.

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Color

**XYZ(58.3081, 63.9641,
73.5631)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D5D7
RGB	194, 213, 215
RGB Percent	76%, 84%, 84%
CMY	0.2392, 0.1647, 0.1569
CMYK	0.10, 0.01, 0.00, 0.16
HSL	186°, 21%, 80%
HSV	186°, 10%, 84%
XYZ	58.3081, 63.9641, 73.5631
YIQ	207.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

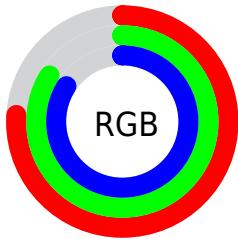
Format	Color
RYB	194, 204, 215
Decimal	12768727
CIELab	83.95, -5.96, -3.17
CIELCh	84, 6.750, 208.028
Yxy	63.9641, 0.2977, 0.3266
Android (android.graphics.Color)	4290958807 (0xFFC2D5D7)
YUV	207.5470, 3.6743, -11.8807
Hunter-Lab	79.9776, -9.8243, 1.4495

Details

The XYZ color **58.3081, 63.9641, 73.5631** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5022, 57.8216, 59.1700**, and the grayscale version is **59.6451, 62.7513, 68.3361**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.3872, 32.5672, 37.9949** is the 20% darker color. If you saturate the color by 10%, you get **52.6739, 60.3027, 73.1543**, and if you desaturate by 10%, it is **64.7508, 68.0554, 74.0142**.

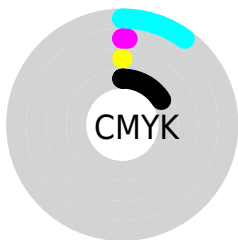
Distribution



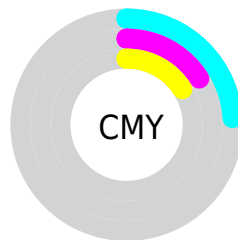
- Red (76%)
- Green (84%)
- Blue (84%)



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



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3081, 63.9641, 73.5631 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 58.3081, 63.9641, 73.5631 by changing the saturation by 10% instead.

■ 58.3081, 63.9641,
73.5631

■ 58.3081, 63.9641,
73.5631

408.2684,
439.0600, 492.0871

■ 42.3006, 46.6216,
53.9419

■ 101.4918,
110.5592, 126.0046

■ 29.5289, 32.7366,
38.1624

129.3987,
140.5807, 159.6620

■ 19.6276, 21.9248,
25.8059

162.0028,
175.5972, 198.8352

■ 12.2313, 13.8016,
16.4540

199.6694,
215.9932, 243.9427

■ 6.9747, 7.9828,
9.6882

242.7639,
262.1531, 295.4031

■ 3.4925, 4.0840,
5.0898

291.6517,

■ 1.4192, 1.7206,

314.4612, 353.6350

2.2404

346.6980,
373.3021, 419.0568

■ 0.2699, 0.4370,
0.6975

■ 0.0000, 0.0000,
0.0000

■ 58.3081, 63.9641,
73.5631

■ 58.3081, 63.9641,
73.5631

■ 52.6739, 60.3027,
73.1543

■ 64.7508, 68.0554,
74.0142

■ 47.8085, 57.0455,
72.7821

■ 72.0286, 72.5851,
74.5050

■ 43.6772, 54.1763,
72.4460

■ 78.8734, 76.9013,
74.9773

■ 40.2404, 51.6746,
72.1443

■ 79.4105, 77.9755,
75.1564

■ 37.4546, 49.5180,
71.8748

■ 79.9542, 79.0629,
75.3376

■ 35.2717, 47.6816,
71.6354

■ 80.5044, 80.1634,
75.5210

■ 33.6364, 46.1370,
71.4235

■ 81.0613, 81.2772,
75.7066

■ 32.4836, 44.8505,
71.2359

■ 81.6249, 82.4043,
75.8945

■ 31.6990, 43.7631,
71.0674

■ 82.1951, 83.5447,
76.0845

Harmonies

Analogous

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



57.9844, 63.9641, 69.3648



58.3081, 63.9641, 73.5631



59.2953, 63.9641, 76.8221

Triad

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



58.3081, 63.9641, 73.5631



63.2526, 63.9641, 74.0702



60.8944, 63.9641, 61.7825

Complementary

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



58.3081, 63.9641, 73.5631



57.5022, 57.8216, 59.1700

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.



62.3217, 63.9641, 62.9313



58.3081, 63.9641, 73.5631



63.6970, 63.9641, 69.9281

Square

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



58.3081, 63.9641, 73.5631



62.1487, 63.9641, 77.1232



63.3536, 63.9641, 65.8705



59.4630, 63.9641, 62.6685

Rectangle

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



58.3081, 63.9641, 73.5631



60.2051, 63.9641, 77.9631



63.3536, 63.9641, 65.8705



61.3907, 63.9641, 61.9426

Sweetspot

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



58.3099, 63.9668, 73.5645



92.0597, 98.1146, 108.6937



56.4850, 64.0454, 61.4614



19.5376, 20.8948, 23.2533



0.0000, 0.0000, 0.0000



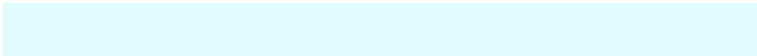
20.3446, 21.4041, 23.3091

Same Dimension

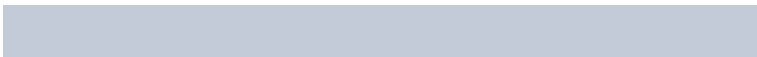
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3099, 63.9668, 73.5645



83.7534, 92.8089, 108.1074



55.8118, 58.9706, 72.7318



12.6866, 13.8965, 15.9512



18.9920, 26.2458, 42.5181



1.1755, 1.6431, 2.5745

Inverse Universe

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



59.3278, 57.8360, 70.9904



85.5883, 81.8206, 103.4525



59.8945, 62.6063, 59.9674



12.8997, 12.6114, 15.4123



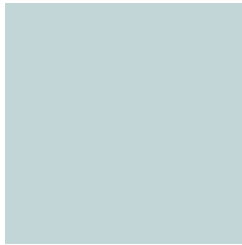
22.6451, 10.9944, 31.7651



1.3810, 0.6692, 1.9957

Previews

White Background



This preview shows how the XYZ color 58.3081, 63.9641, 73.5631 looks on a white background.

Color Contrast Check

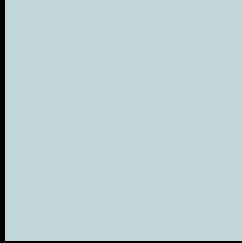
Large Text (above 18pt) WCAG AA × Fail

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 58.3081, 63.9641, 73.5631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

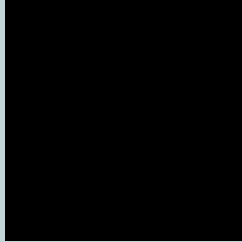
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

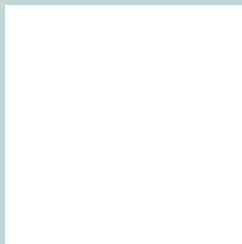
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3081, 63.9641, 73.5631

Background



This preview shows how black text looks on a background with the XYZ color 58.3081, 63.9641, 73.5631.

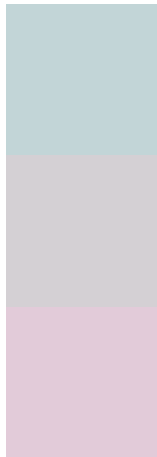


This preview shows how white text looks on a background with the XYZ color 58.3081, 63.9641,

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

58.3081, 63.9641, 73.5631

Protanopia

61.5909, 63.8623, 71.3678

Deuteranopia

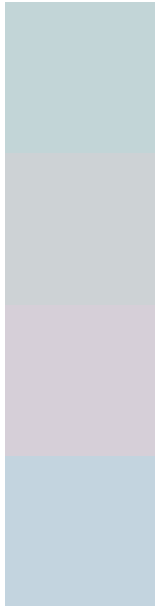
65.2444, 63.8904, 74.5390



Tritanopia

60.0628, 63.9257, 82.5720

Trichromacy



Original Color

58.3081, 63.9641, 73.5631

Protanomaly

60.2337, 63.8764, 72.1055

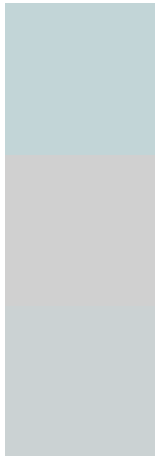
Deuteranomaly

62.4390, 63.8797, 74.0049

Tritanomaly

59.3684, 64.0168, 79.0395

Monochromacy



Original Color

58.3081, 63.9641, 73.5631

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4331, 63.4928, 70.7509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3081, 63.9641, 73.5631 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.3081, 63.9641, 73.5631 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, 215) }
```


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

```
.border{ border-color:rgb(194, 213, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3081, 63.9641, 73.5631 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, 215) }
```

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

```
.background{ background-color: rgb(194,  
213, 215) }
```

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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