

Converting Colors

XYZ(57.7377, 58.9679, 59.9399)

Have a look what the booklet for
XYZ(57.7377, 58.9679, 59.9399)
contains.

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Color

**XYZ(57.7143, 58.9331,
59.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C7C3
RGB	213, 199, 195
RGB Percent	84%, 78%, 76%
CMY	0.1647, 0.2196, 0.2353
CMYK	0.00, 0.07, 0.08, 0.16
HSL	13°, 18%, 80%
HSV	13°, 8%, 84%
XYZ	57.7143, 58.9331, 59.9631
YIQ	202.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

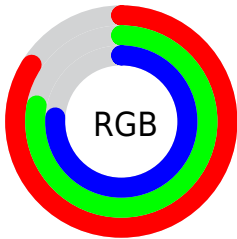
Format	Color
R_{YB}	213, 200, 195
Decimal	14010307
CIE _{Lab}	81.25, 4.20, 3.75
CIE _{LCh}	81, 5.627, 41.735
Yxy	58.9331, 0.3268, 0.3337
Android (android.graphics.Color)	4292200387 (0xFFD5C7C3)
YUV	202.7300, -3.8109, 9.0068
Hunter-Lab	76.7679, -0.1471, 7.4263

Details

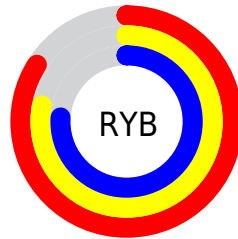
The XYZ color **57.7143, 58.9331, 59.9631** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3162, 62.0060, 71.8989**, and the grayscale version is **56.6157, 59.5641, 64.8653**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.0337, 29.4430, 29.3521** is the 20% darker color. If you saturate the color by 10%, you get **51.8705, 50.8282, 46.9689**, and if you desaturate by 10%, it is **64.3197, 68.0101, 74.9076**.

Distribution



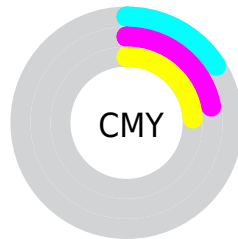
- Red (84%)
- Green (78%)
- Blue (76%)



- Red (84%)
- Yellow (78%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7143, 58.9331, 59.9631 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 57.7143, 58.9331, 59.9631 by changing the saturation by 10% instead.

■ 57.7143, 58.9331,
59.9631

■ 57.7143, 58.9331,
59.9631

406.0916,
420.6539, 442.2626

■ 41.8214, 42.5593,
42.9638

100.6321,
103.2804, 106.3190

■ 29.1519, 29.5395,
29.5255

128.3876,
132.0227, 136.5126

■ 19.3407, 19.4893,
19.2297

160.8281,
165.6566, 171.9415

■ 12.0221, 12.0244,
11.6579

198.3188,
204.5665, 213.0241

■ 6.8311, 6.7603,
6.3915

241.2251,
249.1368, 260.1789

■ 3.4021, 3.3126,
3.0119

289.9125,

■ 1.3698, 1.2970,

299.7519, 313.8246

1.1007

344.7462,
356.7961, 374.3797

■ 0.2345, 0.1389,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7143, 58.9331,
59.9631

■ 57.7143, 58.9331,
59.9631

■ 51.8705, 50.8282,
46.9689

■ 64.3197, 68.0101,
74.9076

■ 46.7558, 43.6555,
35.8404

■ 71.7081, 78.0821,
91.8743

■ 42.3424, 37.3835,
26.4927

■ 79.2713, 88.9272,
107.5944

■ 38.5987, 31.9761,
18.8328

■ 81.2508, 92.8863,
108.2542

■ 35.4909, 27.3948,
12.7588

■ 32.9819, 23.5978,
8.1583

■ 31.0306, 20.5399,
4.9036

■ 29.5900, 18.1708,
2.8450

■ 28.5972, 16.4300,
1.7589

Harmonies

Analogous

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



58.2518, 58.9331, 62.8632



57.7143, 58.9331, 59.9631



56.7241, 58.9331, 58.2270

Triad

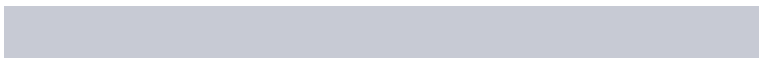
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.7143, 58.9331, 59.9631



53.8993, 58.9331, 62.1647



56.4742, 58.9331, 70.7032

Complementary

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



57.7143, 58.9331, 59.9631



57.3162, 62.0060, 71.8989

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.



55.3102, 58.9331, 70.5003



57.7143, 58.9331, 59.9631



53.8345, 58.9331, 65.4910

Square

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



57.7143, 58.9331, 59.9631



54.5260, 58.9331, 59.4672



54.3477, 58.9331, 68.5653



57.5292, 58.9331, 69.1105

Rectangle

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



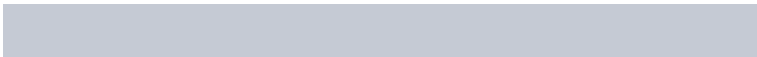
57.7143, 58.9331, 59.9631



55.9459, 58.9331, 57.9252



54.3477, 58.9331, 68.5653



56.0825, 58.9331, 70.8442

Sweetspot

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



57.7159, 58.9357, 59.9644



91.9742, 95.7803, 101.9190



58.4774, 57.7856, 68.4589



19.5142, 20.2645, 21.4255



0.0000, 0.0000, 0.0000



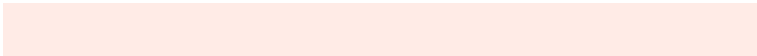
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7159, 58.9357, 59.9644



85.2104, 86.4604, 86.6927



59.8231, 63.1500, 60.6667



12.6451, 12.8643, 12.9773



17.4551, 10.0275, 1.0155



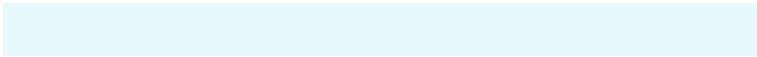
1.1157, 0.7305, 0.0822

Inverse Universe

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



57.3162, 62.0060, 71.8989



84.5000, 91.9146, 107.8954



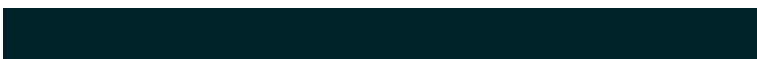
55.1941, 57.7619, 71.1915



12.5470, 13.6174, 15.9046



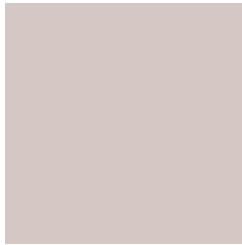
15.7030, 19.6677, 41.4218



1.0062, 1.3044, 2.5181

Previews

White Background



This preview shows how the XYZ color 57.7143, 58.9331, 59.9631 looks on a white background.

Color Contrast Check

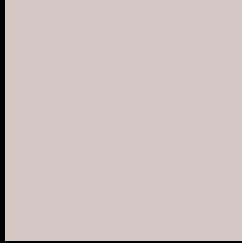
Large Text (above 18pt) WCAG AA × Fail

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 57.7143, 58.9331, 59.9631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

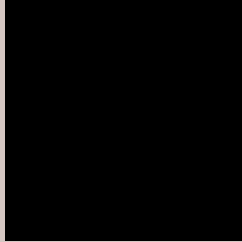
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7143, 58.9331, 59.9631

Background



This preview shows how black text looks on a background with the XYZ color 57.7143, 58.9331, 59.9631.



This preview shows how white text looks on a background with the XYZ color 57.7143, 58.9331, 59.9631.

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

57.7143, 58.9331, 59.9631

Protanopia

56.5826, 59.0242, 60.6351

Deuteranopia

60.2194, 58.8630, 60.4123



Tritanopia

59.6479, 58.6804, 70.4700

Trichromacy



Original Color

57.7143, 58.9331, 59.9631

Protanomaly

56.9126, 58.8494, 60.5840

Deuteranomaly

59.2189, 58.6810, 60.4299

Tritanomaly

58.8384, 58.6849, 66.6187

Monochromacy



Original Color

57.7143, 58.9331, 59.9631

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2780, 59.6766, 63.1434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7143, 58.9331, 59.9631 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(213, 199, 195) looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 195)  
}
```

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(213, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.7143, 58.9331, 59.9631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

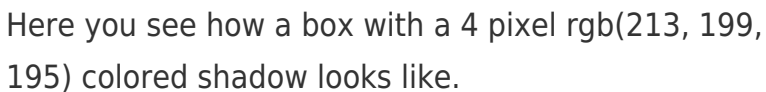
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 199, 195) }
```


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

```
.border{ border-color:rgb(213, 199, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 199, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 199, 195); box-shadow:4px 4px 4px 4px rgb(213, 199, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7143, 58.9331, 59.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 195) }
```

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

```
.background{ background-color: rgb(213,  
199, 195) }
```

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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