

Converting Colors

XYZ(55.0920, 58.7863, 59.8204)

Have a look what the booklet for
XYZ(55.0920, 58.7863, 59.8204)
contains.

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Color

**XYZ(55.0583, 58.5987,
60.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CAC3
RGB	201, 202, 195
RGB Percent	79%, 79%, 76%
CMY	0.2118, 0.2078, 0.2353
CMYK	0.00, 0.00, 0.03, 0.21
HSL	69°, 6%, 78%
HSV	69°, 3%, 79%
XYZ	55.0583, 58.5987, 60.0386
YIQ	200.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

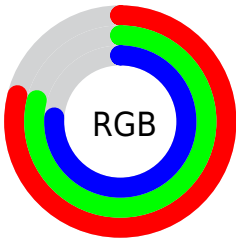
Format	Color
RYB	195, 202, 196
Decimal	13224643
CIELab	81.07, -1.60, 3.36
CIELCh	81, 3.723, 115.520
Yxy	58.5987, 0.3170, 0.3374
Android (android.graphics.Color)	4291414723 (0xFFC9CAC3)
YUV	200.9030, -2.9102, 0.0851
Hunter-Lab	76.5498, -5.5763, 7.0832

Details

The XYZ color **55.0583, 58.5987, 60.0386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9429, 55.0318, 63.7119**, and the grayscale version is **55.4754, 58.3645, 63.5589**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **27.4302, 29.3059, 29.4102** is the 20% darker color. If you saturate the color by 10%, you get **52.1569, 57.3510, 48.7760**, and if you desaturate by 10%, it is **58.2867, 59.9827, 72.9319**.

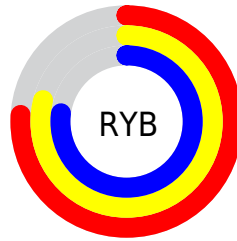
Distribution



Red (79%)

Green (79%)

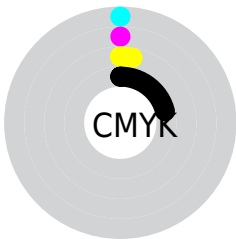
Blue (76%)



Red (76%)

Yellow (79%)

Blue (77%)

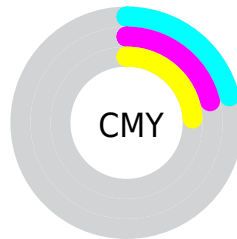


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0583, 58.5987, 60.0386 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 55.0583, 58.5987, 60.0386 by changing the saturation by 10% instead.

■ 55.0583, 58.5987,
60.0386

■ 55.0583, 58.5987,
60.0386

396.2657,
419.4131, 442.5486

■ 39.6824, 42.2902,
43.0242

96.7742, 102.7942,
106.4296

■ 27.4741, 29.3286,
29.5726

123.8449,
131.4499, 136.6433

■ 18.0681, 19.3295,
19.2651

155.5447,
164.9902, 172.0939

■ 11.0988, 11.9086,
11.6832

192.2387,
203.7994, 213.1998

■ 6.2011, 6.6815,
6.4085

234.2925,
248.2619, 260.3798

■ 3.0096, 3.2637,
3.0222

282.0714,

■ 1.1588, 1.2709,

298.7621, 314.0522

1.1060

335.9407,
355.6843, 374.6356

■ 0.0735, 0.1185,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0583, 58.5987,
60.0386

■ 55.0583, 58.5987,
60.0386

■ 52.1569, 57.3510,
48.7760

■ 58.2867, 59.9827,
72.9319

■ 49.5653, 56.2270,
39.0753

■ 61.8488, 61.5000,
87.5134

■ 47.2717, 55.2238,
30.8686

■ 65.6602, 63.1187,
103.3302

■ 45.2620, 54.3359,
24.0815

■ 66.4902, 63.5465,
103.3690

■ 43.5207, 53.5571,
18.6332

■ 67.3351, 63.9821,
103.4086

■ 42.0309, 52.8804,
14.4347

■ 68.1951, 64.4254,
103.4488

■ 40.7735, 52.2984,
11.3864

■ 69.0702, 64.8766,
103.4898

■ 39.7268, 51.8023,
9.3732

■ 69.9605, 65.3355,
103.5314

■ 38.8641, 51.3814,
8.2567

■ 70.8661, 65.8024,
103.5738

Harmonies

Analogous

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



55.8125, 58.5987, 59.6530



55.0583, 58.5987, 60.0386



54.4799, 58.5987, 61.4241

Triad

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



55.0583, 58.5987, 60.0386



54.8590, 58.5987, 67.3783



57.1915, 58.5987, 64.1371

Complementary

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



55.0583, 58.5987, 60.0386



52.9429, 55.0318, 63.7119

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.



56.9307, 58.5987, 66.2447



55.0583, 58.5987, 60.0386



55.5803, 58.5987, 68.1432

Square

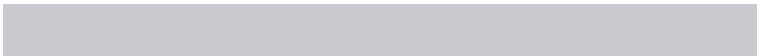
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.0583, 58.5987, 60.0386



54.3655, 58.5987, 65.6559



56.3392, 58.5987, 67.7237



57.0486, 58.5987, 61.9873

Rectangle

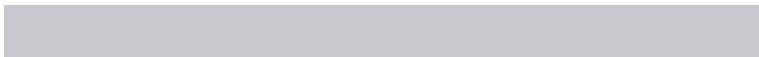
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.0583, 58.5987, 60.0386



54.2693, 58.5987, 62.7454



56.3392, 58.5987, 67.7237



57.1481, 58.5987, 64.8745

Sweetspot

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



55.0599, 58.6012, 60.0399



94.5078, 99.7676, 106.7458



53.9343, 55.9481, 59.5871



20.2343, 21.3568, 22.8707



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.



55.0599, 58.6012, 60.0399



92.9153, 99.0842, 100.4542



54.1475, 58.1309, 59.9972



12.3014, 13.1462, 13.1739



24.7464, 32.9325, 5.0523



1.3210, 1.7218, 0.2627

Inverse Universe

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



52.9429, 55.0318, 63.7119



88.7397, 92.0440, 107.6969



53.8460, 55.4974, 63.7542



11.6610, 12.0664, 14.2848



7.2308, 2.9351, 36.1417



0.4225, 0.1769, 1.8668

Previews

White Background



This preview shows how the XYZ color 55.0583, 58.5987, 60.0386 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 55.0583, 58.5987, 60.0386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

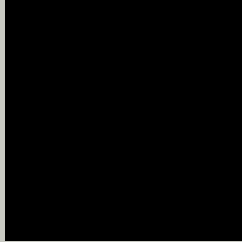
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

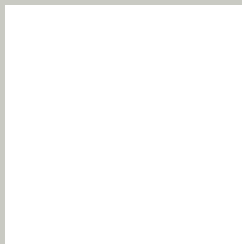
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0583, 58.5987, 60.0386

Background



This preview shows how black text looks on a background with the XYZ color 55.0583, 58.5987, 60.0386.

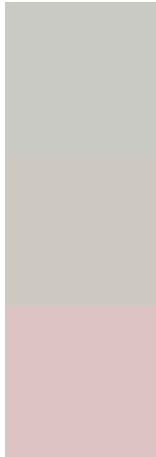


This preview shows how white text looks on a background with the XYZ color 55.0583, 58.5987,

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

55.0583, 58.5987, 60.0386

Protanopia

55.8455, 58.3254, 59.3535

Deuteranopia

59.6031, 58.5453, 60.3835



Tritanopia

57.5910, 58.5905, 72.5637

Trichromacy



Original Color

55.0583, 58.5987, 60.0386

Protanomaly

55.5261, 58.5057, 59.4051

Deuteranomaly

57.8894, 58.6698, 60.4979

Tritanomaly

56.6680, 58.5591, 67.9908

Monochromacy



Original Color

55.0583, 58.5987, 60.0386

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2828, 58.3143, 62.3749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0583, 58.5987, 60.0386 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(201, 202, 195) looks like.

```
.text, #text, p{  
    color:rgb(201, 202, 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(201, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 195) }
```

Border

The CSS property to change the border of an element to XYZ 55.0583, 58.5987, 60.0386 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(201, 202, 195) }
```


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

```
.border{ border-color:rgb(201, 202, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0583, 58.5987, 60.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 195) }
```

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

```
.background{ background-color: rgb(201,  
202, 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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