

Converting Colors

XYZ(55.6979, 58.3080, 63.2203)

Have a look what the booklet for
XYZ(55.6979, 58.3080, 63.2203)
contains.

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Color

**XYZ(55.4367, 58.0352,
62.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8C8
RGB	202, 200, 200
RGB Percent	79%, 78%, 78%
CMY	0.2078, 0.2157, 0.2157
CMYK	0.00, 0.01, 0.01, 0.21
HSL	0°, 2%, 79%
HSV	0°, 1%, 79%
XYZ	55.4367, 58.0352, 62.9237
YIQ	200.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

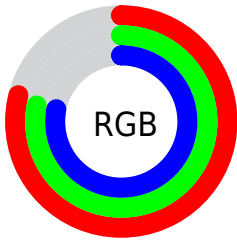
Format	Color
RYP	202, 200, 200
Decimal	13289672
CIELab	80.76, 0.69, 0.24
CIElCh	81, 0.733, 18.704
Yxy	58.0352, 0.3143, 0.3290
Android (android.graphics.Color)	4291479752 (0xFFCAC8C8)
YUV	200.5980, -0.2948, 1.2296
Hunter-Lab	76.1808, -3.4222, 4.3543

Details

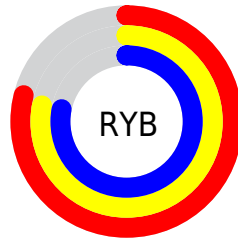
The XYZ color **55.4367, 58.0352, 62.9237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6007, 58.7840, 64.2939**, and the grayscale version is **55.2712, 58.1496, 63.3249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.6799, 28.9290, 31.3191** is the 20% darker color. If you saturate the color by 10%, you get **48.8641, 48.4211, 49.8448**, and if you desaturate by 10%, it is **62.9407, 69.0111, 77.8534**.

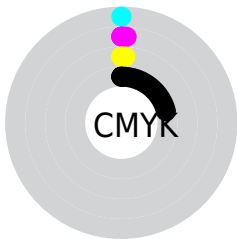
Distribution



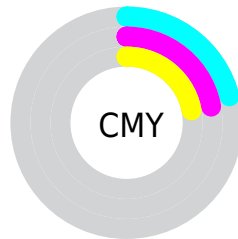
- Red (79%)
- Green (78%)
- Blue (78%)



- Red (79%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4367, 58.0352, 62.9237 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 55.4367, 58.0352, 62.9237 by changing the saturation by 10% instead.

■ 55.4367, 58.0352,
62.9237

■ 55.4367, 58.0352,
62.9237

397.6747,
417.3171, 453.3928

■ 39.9867, 41.8369,
45.3389

97.3251, 101.9741,
110.6439

■ 27.7123, 28.9736,
31.3795

124.4942,
130.4836, 141.6164

■ 18.2483, 19.0609,
20.6271

156.3004,
163.8655, 177.8886

■ 11.2291, 11.7143,
12.6632

193.1089,
202.5044, 219.8789

■ 6.2896, 6.5494,
7.0690

235.2853,
246.7846, 268.0060

■ 3.0643, 3.1820,
3.4262

283.1948,

■ 1.1879, 1.2275,

297.0906, 322.6883

1.3162

337.2029,
353.8066, 384.3444

■ 0.0967, 0.0840,
0.0750

■ 0.0000, 0.0000,
0.0000

■ 55.4367, 58.0352,
62.9237

■ 55.4367, 58.0352,
62.9237

■ 48.8641, 48.4211,
49.8448

■ 62.9407, 69.0111,
77.8534

■ 43.1817, 40.1087,
38.5409

■ 71.4051, 81.3913,
94.6979

■ 38.3529, 33.0444,
28.9368

■ 78.1675, 91.2967,
108.1099

■ 34.3365, 27.1678,
20.9503

■ 31.0878, 22.4139,
14.4924

■ 28.5578, 18.7110,
9.4656

■ 26.6922, 15.9797,
5.7611

■ 25.4286, 14.1289,
3.2547

■ 24.6929, 13.0502,
1.7984

Harmonies

Analogous

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



55.4465, 58.0352, 63.3538



55.4367, 58.0352, 62.9237



55.3529, 58.0352, 62.5666

Triad

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



55.4367, 58.0352, 62.9237



54.9425, 58.0352, 62.6423



55.1038, 58.0352, 64.0109

Complementary

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



55.4367, 58.0352, 62.9237



55.6007, 58.7840, 64.2939

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.



54.9690, 58.0352, 63.8184



55.4367, 58.0352, 62.9237



54.8760, 58.0352, 63.0274

Square

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



55.4367, 58.0352, 62.9237



55.0675, 58.0352, 62.4047



54.8857, 58.0352, 63.4580



55.2540, 58.0352, 63.9828

Rectangle

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



55.4367, 58.0352, 62.9237



55.2664, 58.0352, 62.4175



54.8857, 58.0352, 63.4580



55.0551, 58.0352, 63.9698

Sweetspot

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



55.4383, 58.0377, 62.9250

95.0500, 100.0000, 108.9000



55.6729, 58.1303, 64.1639



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



55.4383, 58.0377, 62.9250



93.8353, 98.2233, 106.4831



55.6699, 58.5009, 63.0022



12.4794, 13.0678, 14.1714



15.6765, 8.0860, 0.7345



0.8093, 0.4182, 0.0381

Inverse Universe

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



55.6007, 58.7840, 64.2939



94.1167, 99.5169, 108.8559



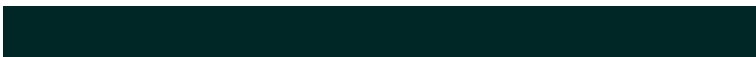
55.3676, 58.3178, 64.2162



12.5141, 13.2273, 14.4639



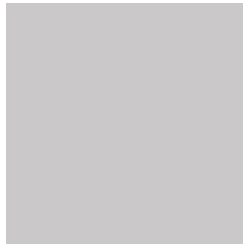
20.4010, 29.8260, 40.6380



1.0530, 1.5397, 2.0966

Previews

White Background



This preview shows how the XYZ color 55.4367, 58.0352, 62.9237 looks on a white background.

Color Contrast Check

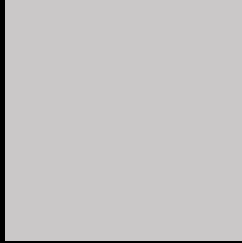
Large Text (above 18pt) WCAG AA × Fail

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 55.4367, 58.0352, 62.9237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

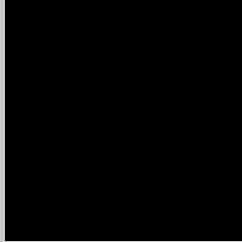
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

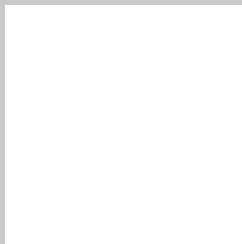
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4367, 58.0352, 62.9237

Background



This preview shows how black text looks on a background with the XYZ color 55.4367, 58.0352, 62.9237.

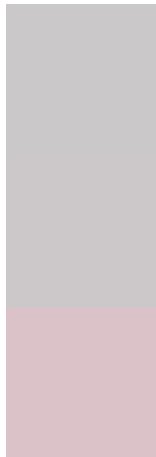


This preview shows how white text looks on a background with the XYZ color 55.4367, 58.0352,

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

55.4367, 58.0352, 62.9237

Protanopia

55.7506, 57.8543, 62.8722

Deuteranopia

59.0478, 57.8607, 63.3144



Tritanopia

57.2335, 58.0806, 71.8125

Trichromacy



Original Color

55.4367, 58.0352, 62.9237

Protanomaly

55.4774, 57.7135, 62.8594

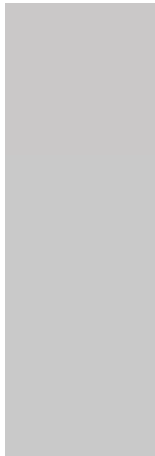
Deuteranomaly

57.7231, 57.8430, 63.3808

Tritanomaly

56.5606, 58.1468, 68.5640

Monochromacy



Original Color

55.4367, 58.0352, 62.9237

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5167, 58.4078, 63.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4367, 58.0352, 62.9237 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(202, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 200)  
}
```

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(202, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.4367, 58.0352, 62.9237 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(202, 200, 200) }
```

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

```
.border{ border-color:rgb(202, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
200) }
```


Background

The CSS property to change the background color of an element to XYZ 55.4367, 58.0352, 62.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 200) }
```

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

```
.background{ background-color: rgb(202,  
200, 200) }
```

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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