

Converting Colors

XYZ(55.5526, 58.4534, 62.3875)

Have a look what the booklet for
XYZ(55.5526, 58.4534, 62.3875)
contains.

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Color

**XYZ(55.5526, 58.4534,
62.3875)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9C7
RGB	202, 201, 199
RGB Percent	79%, 79%, 78%
CMY	0.2078, 0.2117, 0.2196
CMYK	0.00, 0.00, 0.01, 0.21
HSL	40°, 3%, 79%
HSV	40°, 1%, 79%
XYZ	55.5526, 58.4534, 62.3875
YIQ	201.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

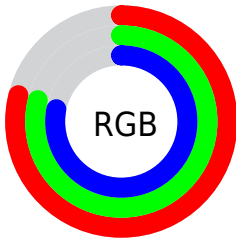
Format	Color
R _Y B	201, 202, 199
Decimal	13289927
CIE Lab	80.99, -0.01, 1.11
CIE LCh	81, 1.109, 90.726
Yxy	58.4534, 0.3149, 0.3314
Android (android.graphics.Color)	4291480007 (0xFFCAC9C7)
YUV	201.0710, -1.0210, 0.8147
Hunter-Lab	76.4548, -4.0966, 5.1375

Details

The XYZ color **55.5526, 58.4534, 62.3875** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8682, 57.7142, 64.1261**, and the grayscale version is **55.5684, 58.4623, 63.6654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7573, 29.2077, 30.9627** is the 20% darker color. If you saturate the color by 10%, you get **51.8317, 54.5186, 50.3338**, and if you desaturate by 10%, it is **59.6565, 62.6544, 76.1063**.

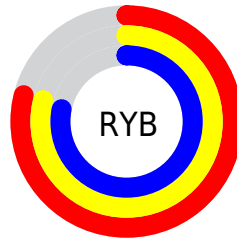
Distribution



Red (79%)

Green (79%)

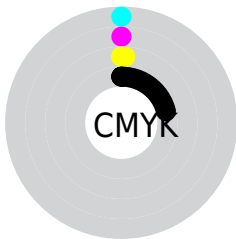
Blue (78%)



Red (79%)

Yellow (79%)

Blue (78%)

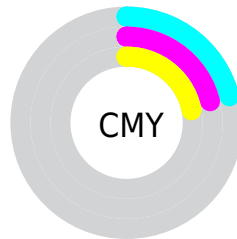


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5526, 58.4534, 62.3875 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 55.5526, 58.4534, 62.3875 by changing the saturation by 10% instead.

■ 55.5526, 58.4534,
62.3875

■ 55.5526, 58.4534,
62.3875

398.1057,
418.8733, 451.3898

■ 40.0799, 42.1733,
44.9081

97.4937, 102.5828,
109.8624

■ 27.7853, 29.2370,
31.0426

124.6929,
131.2009, 140.6950

■ 18.3035, 19.2602,
20.3726

156.5316,
164.7004, 176.8156

■ 11.2691, 11.8584,
12.4794

193.3752,
203.4657, 218.6430

■ 6.3168, 6.6473,
6.9446

235.5891,
247.8813, 266.5955

■ 3.0811, 3.2425,
3.3495

283.5385,

■ 1.1968, 1.2596,

298.3315, 321.0918

1.2758

337.5889,
355.2007, 382.5504

■ 0.1039, 0.1096,
0.0418

■ 0.0000, 0.0000,
0.0000

■ 55.5526, 58.4534,
62.3875

■ 55.5526, 58.4534,
62.3875

■ 51.8317, 54.5186,
50.3338

■ 59.6565, 62.6544,
76.1063

■ 48.4758, 50.8359,
39.8771

■ 64.1509, 67.1205,
91.5472

■ 45.4728, 47.4009,
30.9499

■ 68.2991, 71.5600,
104.8205

■ 42.8078, 44.2063,
23.4786

■ 70.1076, 75.1770,
105.4233

40.4649, 41.2440,
17.3836

71.9878, 78.9373,
106.0500

38.4264, 38.5058,
12.5774

73.9403, 82.8423,
106.7008

36.6731, 35.9822,
8.9623

75.9660, 86.8937,
107.3761

35.1828, 33.6629,
6.4267

78.0656, 91.0930,
108.0760

33.9292, 31.5357,
4.8373

78.1675, 91.2967,
108.1099

Harmonies

Analogous

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



55.7748, 58.4534, 62.5472



55.5526, 58.4534, 62.3875



55.3325, 58.4534, 62.5630

Triad

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



55.5526, 58.4534, 62.3875



55.1788, 58.4534, 64.2953



55.9449, 58.4534, 64.2673

Complementary

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



55.5526, 58.4534, 62.3875



54.8682, 57.7142, 64.1261

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.



55.7845, 58.4534, 64.7410



55.5526, 58.4534, 62.3875



55.3422, 58.4534, 64.7572

Square

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



55.5526, 58.4534, 62.3875



55.1171, 58.4534, 63.6619



55.5638, 58.4534, 64.9209



56.0017, 58.4534, 63.6298

Rectangle

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



55.5526, 58.4534, 62.3875



55.2165, 58.4534, 62.8473



55.5638, 58.4534, 64.9209



55.9013, 58.4534, 64.4511

Sweetspot

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



55.5542, 58.4559, 62.3888

95.0500, 100.0000, 108.9000



55.2067, 57.5744, 62.8477



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.



55.5542, 58.4559, 62.3888



93.7016, 98.5998, 104.4534



55.6522, 58.8524, 62.4601



12.4629, 13.1142, 13.9209



21.3249, 19.3827, 2.6173



1.1680, 1.1356, 0.1576

Inverse Universe

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



54.8682, 57.7142, 64.1261



92.1215, 96.8916, 108.4544



54.7710, 57.3226, 64.0556



12.2679, 12.9035, 14.4144



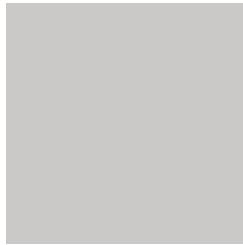
8.2288, 5.4815, 36.5806



0.4941, 0.4219, 1.9103

Previews

White Background



This preview shows how the XYZ color 55.5526, 58.4534, 62.3875 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 55.5526, 58.4534, 62.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

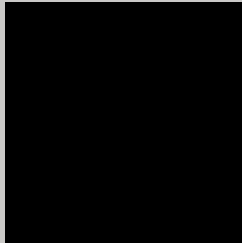
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

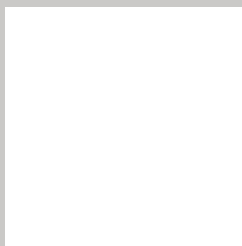
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5526, 58.4534, 62.3875

Background



This preview shows how black text looks on a background with the XYZ color 55.5526, 58.4534, 62.3875.

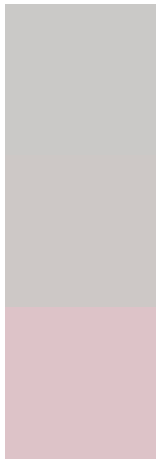


This preview shows how white text looks on a background with the XYZ color 55.5526, 58.4534,

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

55.5526, 58.4534, 62.3875

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

59.7592, 58.5725, 62.7996



Tritanopia

57.4629, 58.5393, 71.8889

Trichromacy



Original Color

55.5526, 58.4534, 62.3875

Protanomaly

55.7492, 58.2231, 61.7260

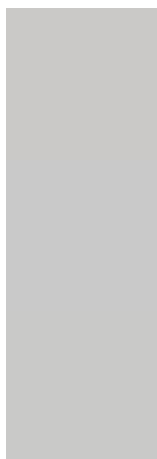
Deuteranomaly

58.1231, 58.3988, 62.8523

Tritanomaly

56.7915, 58.6085, 68.6409

Monochromacy



Original Color

55.5526, 58.4534, 62.3875

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3994, 58.3609, 62.9885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5526, 58.4534, 62.3875 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, 201, 199) looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 199)  
}
```

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, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.5526, 58.4534, 62.3875 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, 201, 199) }
```

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

```
.border{ border-color:rgb(202, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
199) }
```


Background

The CSS property to change the background color of an element to XYZ 55.5526, 58.4534, 62.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 199) }
```

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

```
.background{ background-color: rgb(202,  
201, 199) }
```

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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