

Converting Colors

XYZ(55.5217, 58.2363, 62.4982)

Have a look what the booklet for
XYZ(55.5217, 58.2363, 62.4982)
contains.

XYZ(55.3202, 57.9886, 62.3101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(55.3202, 57.9886,
62.3101)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8C7
RGB	202, 200, 199
RGB Percent	79%, 78%, 78%
CMY	0.2078, 0.2157, 0.2196
CMYK	0.00, 0.01, 0.01, 0.21
HSL	20°, 3%, 79%
HSV	20°, 1%, 79%
XYZ	55.3202, 57.9886, 62.3101
YIQ	200.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

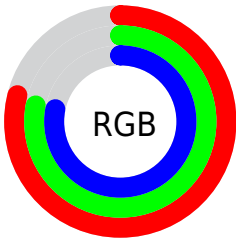
Format	Color
R _Y B	202, 201, 199
Decimal	13289671
CIE Lab	80.73, 0.51, 0.73
CIE LCh	81, 0.895, 55.027
Yxy	57.9886, 0.3150, 0.3302
Android (android.graphics.Color)	4291479751 (0xFFCAC8C7)
YUV	200.4840, -0.7316, 1.3295
Hunter-Lab	76.1502, -3.5896, 4.7910

Details

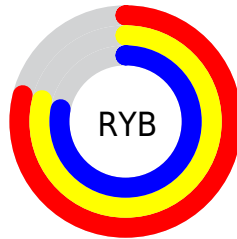
The XYZ color **55.3202, 57.9886, 62.3101** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1006, 58.1790, 64.2035**, and the grayscale version is **55.2032, 58.0781, 63.2471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.6025, 28.8980, 30.9111** is the 20% darker color. If you saturate the color by 10%, you get **50.1513, 51.1579, 49.7738**, and if you desaturate by 10%, it is **61.0776, 65.4965, 76.5800**.

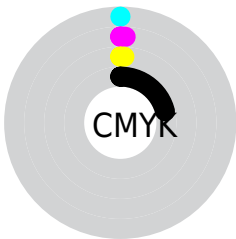
Distribution



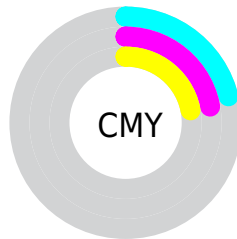
- Red (79%)
- Green (78%)
- Blue (78%)



- Red (79%)
- Yellow (79%)
- 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 55.3202, 57.9886, 62.3101 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 55.3202, 57.9886, 62.3101 by changing the saturation by 10% instead.

■ 55.3202, 57.9886,
62.3101

■ 55.3202, 57.9886,
62.3101

397.2412,
417.1435, 451.1002

■ 39.8930, 41.7995,
44.8459

97.1555, 101.9063,
109.7495

■ 27.6390, 28.9443,
30.9940

124.2944,
130.4036, 140.5618

■ 18.1927, 19.0387,
20.3359

156.0678,
163.7724, 176.6606

■ 11.1890, 11.6982,
12.4529

192.8412,
202.3972, 218.4644

■ 6.2623, 6.5386,
6.9267

234.9799,
246.6623, 266.3917

■ 3.0474, 3.1752,
3.3385

282.8492,

■ 1.1789, 1.2239,

296.9521, 320.8610

1.2700

336.8145,
353.6510, 382.2910

■ 0.0896, 0.0811,
0.0370

■ 0.0000, 0.0000,
0.0000

■ 55.3202, 57.9886,
62.3101

■ 55.3202, 57.9886,
62.3101

■ 50.1513, 51.1579,
49.7738

■ 61.0776, 65.4965,
76.5800

■ 45.5468, 44.9780,
38.9008

■ 67.4367, 73.6922,
92.6426

■ 41.4881, 39.4315,
29.6217

■ 73.6669, 82.2956,
106.6097

■ 37.9536, 34.4977,
21.8606

■ 77.7799, 90.5217,
107.9807

■ 34.9201, 30.1546,
15.5354

■ 78.1675, 91.2967,
108.1099

■ 32.3628, 26.3787,
10.5562

■ 30.2544, 23.1448,
6.8227

■ 28.5641, 20.4256,
4.2205

■ 27.2568, 18.1909,
2.6132

Harmonies

Analogous

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



55.4388, 57.9886, 62.7105



55.3202, 57.9886, 62.3101



55.1472, 57.9886, 62.1320

Triad

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



55.3202, 57.9886, 62.3101



54.7634, 57.9886, 63.0516



55.2668, 57.9886, 64.0656

Complementary

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



55.3202, 57.9886, 62.3101



55.1006, 58.1790, 64.2035

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.



55.0857, 57.9886, 64.1582



55.3202, 57.9886, 62.3101



54.7953, 57.9886, 63.5709

Square

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



55.3202, 57.9886, 62.3101



54.8260, 57.9886, 62.5586



54.9132, 57.9886, 63.9767



55.4079, 57.9886, 63.7244

Rectangle

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



55.3202, 57.9886, 62.3101



55.0244, 57.9886, 62.1627



54.9132, 57.9886, 63.9767



55.2085, 57.9886, 64.1270

Sweetspot

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



55.3218, 57.9911, 62.3114

95.0500, 100.0000, 108.9000



55.3240, 57.6214, 63.4653



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.



55.3218, 57.9911, 62.3114



93.1663, 97.5293, 104.2749



55.6702, 58.6878, 62.4275



12.3968, 12.9822, 13.8989



17.0605, 10.8539, 1.1958



0.9499, 0.6994, 0.0849

Inverse Universe

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



55.1006, 58.1790, 64.2035



92.6568, 97.9620, 108.6328



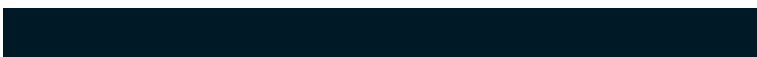
54.7534, 57.4846, 64.0878



12.3340, 13.0355, 14.4364



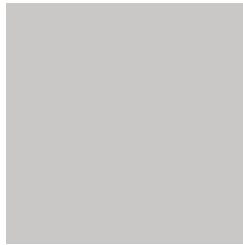
12.4699, 13.9638, 37.9943



0.7114, 0.8565, 1.9828

Previews

White Background



This preview shows how the XYZ color 55.3202, 57.9886, 62.3101 looks on a white background.

Color Contrast Check

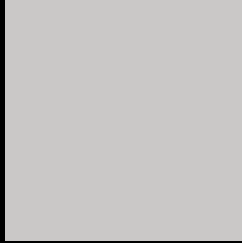
Large Text (above 18pt) WCAG AA × Fail

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 55.3202, 57.9886, 62.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

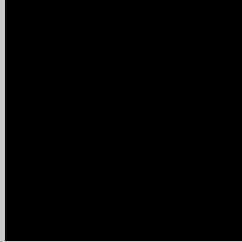
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

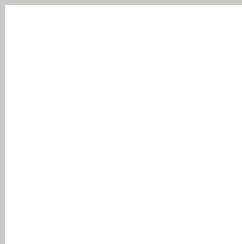
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3202, 57.9886, 62.3101

Background



This preview shows how black text looks on a background with the XYZ color 55.3202, 57.9886, 62.3101.

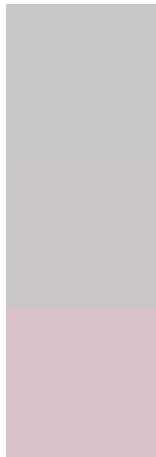


This preview shows how white text looks on a background with the XYZ color 55.3202, 57.9886,

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

55.3202, 57.9886, 62.3101

Protanopia

55.6341, 57.8077, 62.2586

Deuteranopia

58.9305, 57.8138, 62.6968



Tritanopia

57.1062, 58.0296, 71.1418

Trichromacy



Original Color

55.3202, 57.9886, 62.3101

Protanomaly

55.3608, 57.6669, 62.2458

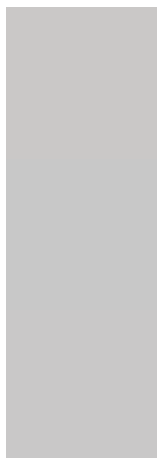
Deuteranomaly

57.6058, 57.7961, 62.7632

Tritanomaly

56.4372, 58.0974, 67.9139

Monochromacy



Original Color

55.3202, 57.9886, 62.3101

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1670, 57.8962, 62.9111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3202, 57.9886, 62.3101 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, 199) looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 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, 200, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.3202, 57.9886, 62.3101 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, 199) }
```

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

```
.border{ border-color:rgb(202, 200, 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, 200, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 199);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
199) }
```


Background

The CSS property to change the background color of an element to XYZ 55.3202, 57.9886, 62.3101 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, 199) }
```

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

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