

Converting Colors

XYZ(55.0900, 57.5871, 62.0424)

Have a look what the booklet for
XYZ(55.0900, 57.5871, 62.0424)
contains.

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Color

**XYZ(55.0893, 57.5269,
62.2331)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC7C7
RGB	202, 199, 199
RGB Percent	79%, 78%, 78%
CMY	0.2078, 0.2196, 0.2196
CMYK	0.00, 0.01, 0.01, 0.21
HSL	0°, 3%, 79%
HSV	0°, 1%, 79%
XYZ	55.0893, 57.5269, 62.2331
YIQ	199.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

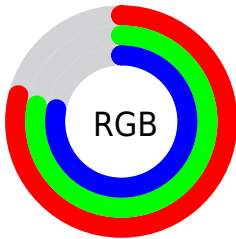
Format	Color
R _Y B	202, 199, 199
Decimal	13289415
CIE Lab	80.48, 1.04, 0.36
CIE LCh	80, 1.101, 18.991
Yxy	57.5269, 0.3151, 0.3290
Android (android.graphics.Color)	4291479495 (0xFFCAC7C7)
YUV	199.8970, -0.4422, 1.8443
Hunter-Lab	75.8465, -3.0821, 4.4443

Details

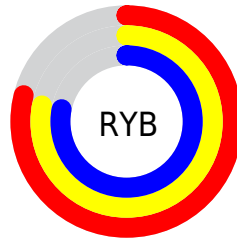
The XYZ color **55.0893, 57.5269, 62.2331** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3343, 58.6466, 64.2813**, and the grayscale version is **54.8395, 57.6955, 62.8304**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.4490, 28.5910, 30.8600** is the 20% darker color. If you saturate the color by 10%, you get **48.5597, 47.9747, 49.2432**, and if you desaturate by 10%, it is **62.5491, 68.4396, 77.0705**.

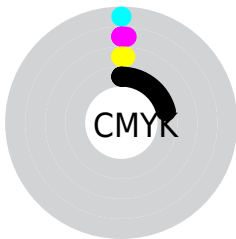
Distribution



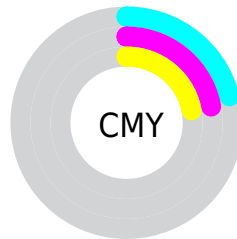
- Red (79%)
- Green (78%)
- Blue (78%)



- 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 55.0893, 57.5269, 62.2331 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 55.0893, 57.5269, 62.2331 by changing the saturation by 10% instead.

■ 55.0893, 57.5269,
62.2331

■ 55.0893, 57.5269,
62.2331

396.3813,
415.4207, 450.8120

■ 39.7073, 41.4284,
44.7841

96.8193, 101.2336,
109.6372

■ 27.4936, 28.6540,
30.9457

123.8981,
129.6106, 140.4294

■ 18.0828, 18.8192,
20.2994

155.6066,
162.8492, 176.5063

■ 11.1095, 11.5397,
12.4266

192.3101,
201.3339, 218.2866

■ 6.2084, 6.4311,
6.9089

234.3739,
245.4490, 266.1888

■ 3.0141, 3.1089,
3.3276

282.1635,

■ 1.1612, 1.1889,

295.5789, 320.6314

1.2642

336.0442,
352.1080, 382.0329

■ 0.0754, 0.0526,
0.0322

■ 0.0000, 0.0000,
0.0000

■ 55.0893, 57.5269,
62.2331

■ 55.0893, 57.5269,
62.2331

■ 48.5597, 47.9747,
49.2432

■ 62.5491, 68.4396,
77.0705

■ 42.9191, 39.7227,
38.0249

■ 70.9683, 80.7555,
93.8197

■ 38.1307, 32.7168,
28.5025

■ 78.1674, 91.2967,
108.1099

■ 34.1530, 26.8967,
20.5937

■ 30.9411, 22.1967,
14.2091

■ 28.4459, 18.5448,
9.2506

■ 26.6124, 15.8609,
5.6088

■ 25.3778, 14.0530,
3.1584

■ 24.6671, 13.0117,
1.7500

Harmonies

Analogous

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



55.1050, 57.5269, 62.8748



55.0893, 57.5269, 62.2331



54.9631, 57.5269, 61.7031

Triad

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



55.0893, 57.5269, 62.2331



54.3505, 57.5269, 61.8244



54.5947, 57.5269, 63.8659

Complementary

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



55.0893, 57.5269, 62.2331



55.3343, 58.6466, 64.2813

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.



54.3931, 57.5269, 63.5803



55.0893, 57.5269, 62.2331



54.2524, 57.5269, 62.3998

Square

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



55.0893, 57.5269, 62.2331



54.5364, 57.5269, 61.4682



54.2679, 57.5269, 63.0427



54.8191, 57.5269, 63.8205

Rectangle

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



55.0893, 57.5269, 62.2331



54.8334, 57.5269, 61.4830



54.2679, 57.5269, 63.0427



54.5220, 57.5269, 63.8054

Sweetspot

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



55.0909, 57.5294, 62.2344

95.0500, 100.0000, 108.9000



55.4420, 57.6685, 64.0868



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.



55.0909, 57.5294, 62.2344



92.6360, 96.4686, 104.0982



55.4369, 58.2214, 62.3497



12.3314, 12.8512, 13.8770



15.6756, 8.0842, 0.7342



0.8091, 0.4178, 0.0380

Inverse Universe

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



55.3343, 58.6466, 64.2813



93.1966, 99.0418, 108.8127



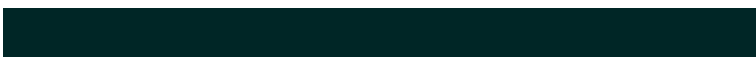
54.9849, 57.9477, 64.1648



12.4005, 13.1686, 14.4586



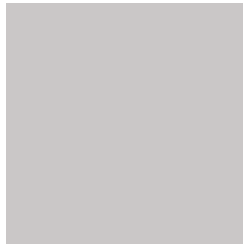
20.4160, 29.8560, 40.6430



1.0536, 1.5410, 2.0968

Previews

White Background



This preview shows how the XYZ color 55.0893, 57.5269, 62.2331 looks on a white background.

Color Contrast Check

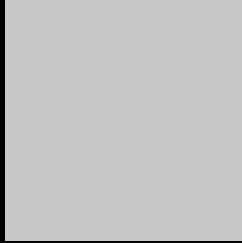
Large Text (above 18pt) WCAG AA × Fail

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 55.0893, 57.5269, 62.2331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

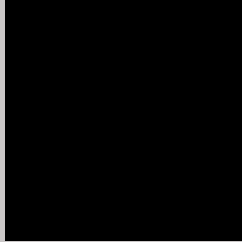
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

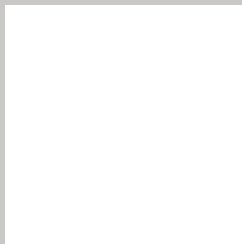
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0893, 57.5269, 62.2331

Background



This preview shows how black text looks on a background with the XYZ color 55.0893, 57.5269, 62.2331.

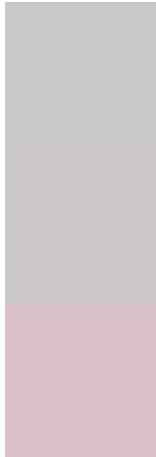


This preview shows how white text looks on a background with the XYZ color 55.0893, 57.5269,

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

55.0893, 57.5269, 62.2331

Protanopia

55.3608, 57.6669, 62.2458

Deuteranopia

58.4087, 57.2155, 62.6088



Tritanopia

56.7518, 57.5233, 70.3993

Trichromacy



Original Color

55.0893, 57.5269, 62.2331

Protanomaly

55.3608, 57.6669, 62.2458

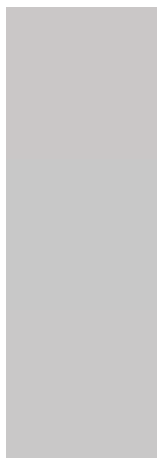
Deuteranomaly

57.0918, 57.1974, 62.6747

Tritanomaly

56.0852, 57.5897, 67.1914

Monochromacy



Original Color

55.0893, 57.5269, 62.2331

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 55.0893, 57.5269, 62.2331 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, 199, 199) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 55.0893, 57.5269, 62.2331 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, 199, 199) }
```

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

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

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


Background

The CSS property to change the background color of an element to XYZ 55.0893, 57.5269, 62.2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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