

Converting Colors

XYZ(53.7823, 57.5389, 62.4495)

Have a look what the booklet for
XYZ(53.7823, 57.5389, 62.4495)
contains.

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Color

**XYZ(53.7011, 57.4989,
62.3009)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C9C7
RGB	195, 201, 199
RGB Percent	76%, 79%, 78%
CMY	0.2353, 0.2117, 0.2196
CMYK	0.03, 0.00, 0.01, 0.21
HSL	160°, 5%, 78%
HSV	160°, 3%, 79%
XYZ	53.7011, 57.4989, 62.3009
YIQ	198.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

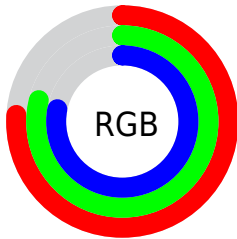
Format	Color
RYB	195, 199, 201
Decimal	12831175
CIELab	80.46, -2.42, 0.27
CIElCh	80, 2.438, 173.617
Yxy	57.4989, 0.3095, 0.3314
Android (android.graphics.Color)	4291021255 (0xFFC3C9C7)
YUV	198.9780, 0.0108, -3.4887
Hunter-Lab	75.8280, -6.2861, 4.3665

Details

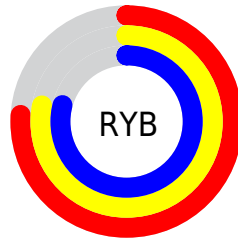
The XYZ color **53.7011, 57.4989, 62.3009** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6826, 55.4804, 60.7055**, and the grayscale version is **54.2752, 57.1018, 62.1838**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **26.5291, 28.5745, 30.9053** is the 20% darker color. If you saturate the color by 10%, you get **48.0918, 54.6968, 58.0631**, and if you desaturate by 10%, it is **60.0472, 60.6801, 66.7548**.

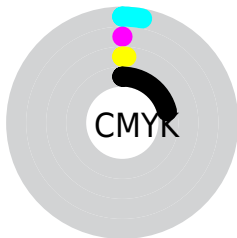
Distribution



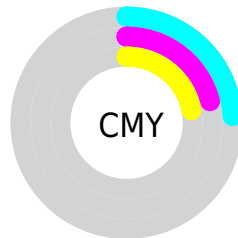
- Red (76%)
- Green (79%)
- Blue (78%)



- Red (76%)
- Yellow (78%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7011, 57.4989, 62.3009 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 53.7011, 57.4989, 62.3009 by changing the saturation by 10% instead.

■ 53.7011, 57.4989,
62.3009

■ 53.7011, 57.4989,
62.3009

391.1862,
415.3161, 451.0657

■ 38.5925, 41.4059,
44.8385

94.7947, 101.1928,
109.7361

■ 26.6221, 28.6364,
30.9882

121.5104,
129.5625, 140.5460

■ 17.4248, 18.8059,
20.3315

152.8258,
162.7932, 176.6422

■ 10.6350, 11.5301,
12.4498

189.1063,
201.2694, 218.4431

■ 5.8874, 6.4246,
6.9245

230.7172,
245.3753, 266.3674

■ 2.8168, 3.1049,
3.3372

278.0239,

■ 1.0576, 1.1868,

295.4955, 320.8336

1.2693

331.3918,
352.0143, 382.2602

■ 0.0000, 0.0509,
0.0364

■ 0.0000, 0.0000,
0.0000

■ 53.7011, 57.4989,
62.3009

■ 53.7011, 57.4989,
62.3009

■ 48.0918, 54.6968,
58.0631

■ 60.0472, 60.6801,
66.7548

■ 43.1861, 52.2519,
54.0340

■ 67.1517, 64.2466,
71.4244

■ 38.9557, 50.1513,
50.2111

■ 74.9302, 68.1565,
76.3092

■ 35.3684, 48.3784,
46.5905

■ 75.8320, 68.5172,
81.0579

■ 32.3891, 46.9152,
43.1682

■ 76.7697, 68.8923,
85.9963

■ 29.9796, 45.7420,
39.9399

■ 77.7440, 69.2820,
91.1264

■ 28.0968, 44.8367,
36.9011

■ 78.7550, 69.6864,
96.4502

■ 26.6913, 44.1739,
34.0468

■ 79.8031, 70.1057,
101.9699

■ 25.7040, 43.7231,
31.3717

■ 80.1777, 70.2555,
103.9426

Harmonies

Analogous

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



53.8806, 57.4989, 60.9874



53.7011, 57.4989, 62.3009



53.7748, 57.4989, 63.7161

Triad

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



53.7011, 57.4989, 62.3009



55.0370, 57.4989, 65.1633



55.2233, 57.4989, 60.4159

Complementary

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



53.7011, 57.4989, 62.3009



53.6826, 55.4804, 60.7055

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.



55.5366, 57.4989, 61.5100



53.7011, 57.4989, 62.3009



55.4286, 57.4989, 64.2540

Square

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



53.7011, 57.4989, 62.3009



54.5442, 57.4989, 65.3829



55.6120, 57.4989, 62.9132



54.7579, 57.4989, 59.9099

Rectangle

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



53.7011, 57.4989, 62.3009



53.9579, 57.4989, 64.5252



55.6120, 57.4989, 62.9132



55.3500, 57.4989, 60.7263

Sweetspot

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



53.7027, 57.5014, 62.3022



93.9813, 99.4649, 108.1365



53.7910, 57.5998, 59.9133



20.1271, 21.2952, 23.1537



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.



53.7027, 57.5014, 62.3022



90.8532, 97.8992, 105.8685



53.7276, 57.1764, 63.4657



11.3645, 12.2921, 13.2772



15.8792, 27.3641, 18.8403



0.7845, 1.3087, 1.0639

Inverse Universe

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



53.6826, 55.4804, 60.7055



90.8068, 93.2338, 102.1825



53.6569, 55.7939, 59.5718



11.3578, 11.6157, 12.7428



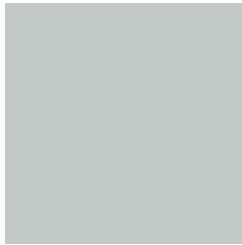
15.8219, 8.0783, 4.2720



0.7830, 0.3960, 0.3802

Previews

White Background



This preview shows how the XYZ color 53.7011, 57.4989, 62.3009 looks on a white background.

Color Contrast Check

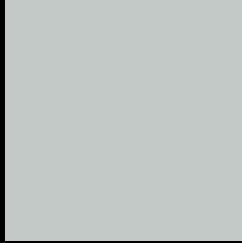
Large Text (above 18pt) WCAG AA × Fail

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 53.7011, 57.4989, 62.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

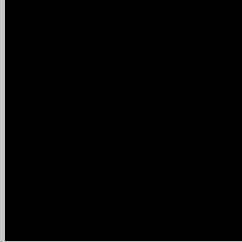
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

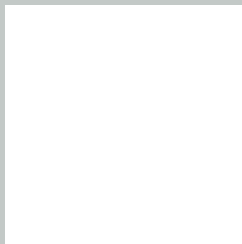
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7011, 57.4989, 62.3009

Background



This preview shows how black text looks on a background with the XYZ color 53.7011, 57.4989, 62.3009.

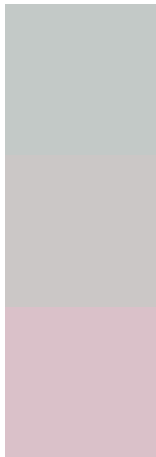


This preview shows how white text looks on a background with the XYZ color 53.7011, 57.4989,

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

53.7011, 57.4989, 62.3009

Protanopia

55.2451, 57.6206, 61.6362

Deuteranopia

58.5260, 57.2624, 63.2264



Tritanopia

55.5870, 57.5722, 71.8011

Trichromacy



Original Color

53.7011, 57.4989, 62.3009

Protanomaly

54.6667, 57.6651, 61.6753

Deuteranomaly

56.7436, 57.3516, 62.7228

Tritanomaly

54.9279, 57.6478, 68.5537

Monochromacy



Original Color

53.7011, 57.4989, 62.3009

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.2518, 57.4378, 62.2601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7011, 57.4989, 62.3009 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(195, 201, 199) looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.7011, 57.4989, 62.3009 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(195, 201, 199) }
```


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

```
.border{ border-color:rgb(195, 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(195, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(195, 201,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7011, 57.4989, 62.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 199) }
```

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

```
.background{ background-color: rgb(195,  
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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