

Converting Colors

XYZ(55.4715, 57.5721, 68.5345)

Have a look what the booklet for
XYZ(55.4715, 57.5721, 68.5345)
contains.

XYZ(55.4852, 57.5924, 68.5137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.4852, 57.5924,
68.5137)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C7D1
RGB	199, 199, 209
RGB Percent	78%, 78%, 82%
CMY	0.2196, 0.2196, 0.1804
CMYK	0.05, 0.05, 0.00, 0.18
HSL	240°, 10%, 80%
HSV	240°, 5%, 82%
XYZ	55.4852, 57.5924, 68.5137
YIQ	200.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

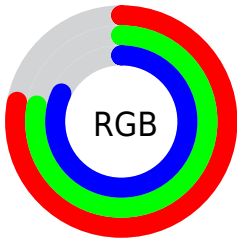
Format	Color
R _Y B	199, 199, 209
Decimal	13092817
CIE Lab	80.51, 1.88, -4.98
CIE LCh	81, 5.327, 290.662
Yxy	57.5924, 0.3055, 0.3172
Android (android.graphics.Color)	4291282897 (0xFFC7C7D1)
YUV	200.1400, 4.3680, -0.9998
Hunter-Lab	75.8897, -2.3002, -0.4047

Details

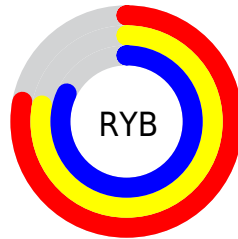
The XYZ color **55.4852, 57.5924, 68.5137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4038, 63.2791, 63.1168**, and the grayscale version is **54.9627, 57.8250, 62.9714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7188, 28.6371, 35.0769** is the 20% darker color. If you saturate the color by 10%, you get **45.8347, 45.9657, 66.7790**, and if you desaturate by 10%, it is **66.5606, 70.9366, 70.5065**.

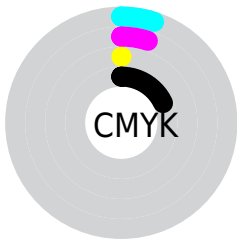
Distribution



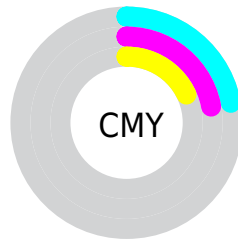
- Red (78%)
- Green (78%)
- Blue (82%)



- Red (78%)
- Yellow (78%)
- Blue (82%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4852, 57.5924, 68.5137 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 55.4852, 57.5924, 68.5137 by changing the saturation by 10% instead.

■ 55.4852, 57.5924,
68.5137

■ 55.4852, 57.5924,
68.5137

397.8551,
415.6654, 473.9613

■ 40.0257, 41.4810,
49.8465

97.3957, 101.3291,
118.7479

■ 27.7429, 28.6952,
34.9211

124.5774,
129.7232, 151.1519

■ 18.2714, 18.8503,
23.3190

156.3971,
162.9803, 188.9720

■ 11.2459, 11.5622,
14.6217

193.2204,
201.4849, 232.6266

■ 6.3010, 6.4463,
8.4107

235.4124,
245.6213, 282.5343

■ 3.0713, 3.1183,
4.2673

283.3387,

■ 1.1916, 1.1938,

295.7739, 339.1136

1.7731

337.3644,
352.3272, 402.7831

■ 0.0997, 0.0566,
0.4101

■ 0.0000, 0.0000,
0.0000

■ 55.4852, 57.5924,
68.5137

■ 55.4852, 57.5924,
68.5137

■ 45.8347, 45.9657,
66.7790

■ 66.5606, 70.9366,
70.5065

■ 37.5467, 35.9798,
65.2884

■ 79.1102, 86.0563,
72.7635

■ 30.5611, 27.5631,
64.0320

■ 88.5088, 97.3835,
74.4545

■ 24.8120, 20.6359,
62.9979

■ 20.2272, 15.1114,
62.1732

■ 16.7274, 10.8940,
61.5436

■ 14.2232, 7.8760,
61.0931

■ 12.6110, 5.9329,
60.8030

■ 11.7648, 4.9126,
60.6507

Harmonies

Analogous

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



54.3994, 57.5924, 68.8405



55.4852, 57.5924, 68.5137



56.3824, 57.5924, 66.6038

Triad

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



55.4852, 57.5924, 68.5137



56.0836, 57.5924, 58.1649



52.6910, 57.5924, 61.7363

Complementary

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



55.4852, 57.5924, 68.5137



59.4038, 63.2791, 63.1168

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.



53.1295, 57.5924, 58.9678



55.4852, 57.5924, 68.5137



55.0817, 57.5924, 56.9516

Square

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



55.4852, 57.5924, 68.5137



56.7311, 57.5924, 60.6072



54.0012, 57.5924, 57.2405



52.7958, 57.5924, 64.8574

Rectangle

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



55.4852, 57.5924, 68.5137



56.7481, 57.5924, 64.7237



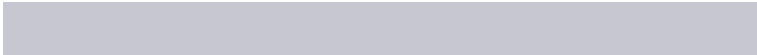
54.0012, 57.5924, 57.2405



52.7796, 57.5924, 60.7352

Sweetspot

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



55.4869, 57.5949, 68.5150



93.3102, 97.9039, 108.5871



57.8425, 62.3392, 69.1984



19.9906, 20.9776, 23.2454



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.



55.4869, 57.5949, 68.5150



84.9568, 87.8395, 107.0848



56.7891, 58.2650, 68.5757



11.7775, 12.1575, 14.9695



7.0965, 2.8396, 37.3666



0.3969, 0.1590, 2.0893

Inverse Universe

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



57.0280, 58.5267, 62.3268



87.9962, 89.6774, 94.8802



58.0577, 62.5863, 63.0541



12.2377, 12.4358, 13.1219



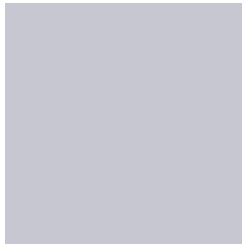
16.2127, 8.3579, 0.7604



0.9066, 0.4673, 0.0428

Previews

White Background



This preview shows how the XYZ color 55.4852, 57.5924, 68.5137 looks on a white background.

Color Contrast Check

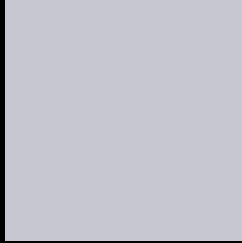
Large Text (above 18pt) WCAG AA × Fail

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 55.4852, 57.5924, 68.5137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

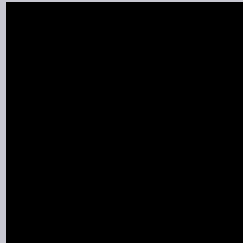
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

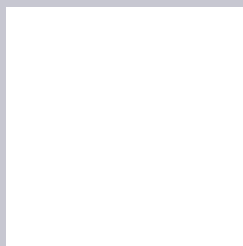
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4852, 57.5924, 68.5137

Background



This preview shows how black text looks on a background with the XYZ color 55.4852, 57.5924, 68.5137.

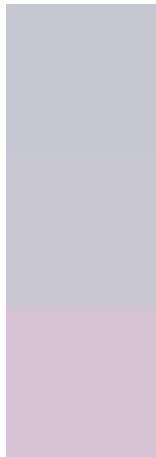


This preview shows how white text looks on a background with the XYZ color 55.4852, 57.5924,

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

55.4852, 57.5924, 68.5137

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

58.6562, 57.5329, 68.9862



Tritanopia

56.1511, 57.5226, 71.7618

Trichromacy



Original Color

55.4852, 57.5924, 68.5137

Protanomaly

55.7515, 57.7297, 68.5261

Deuteranomaly

57.6673, 57.6883, 69.0683

Tritanomaly

55.8972, 57.4210, 70.4246

Monochromacy



Original Color

55.4852, 57.5924, 68.5137

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.2532, 57.8997, 64.7635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4852, 57.5924, 68.5137 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(199, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 209)  
}
```

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(199, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 209) }
```

Border

The CSS property to change the border of an element to XYZ 55.4852, 57.5924, 68.5137 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(199, 199, 209) }
```


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

```
.border{ border-color:rgb(199, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4852, 57.5924, 68.5137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 209) }
```

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

```
.background{ background-color: rgb(199,  
199, 209) }
```

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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