

Converting Colors

XYZ(55.9230, 54.7527, 61.4745)

Have a look what the booklet for
XYZ(55.9230, 54.7527, 61.4745)
contains.

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Color

**XYZ(55.9470, 54.6648,
61.6355)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BDC7
RGB	213, 189, 199
RGB Percent	84%, 74%, 78%
CMY	0.1647, 0.2588, 0.2196
CMYK	0.00, 0.11, 0.07, 0.16
HSL	335°, 22%, 79%
HSV	335°, 11%, 84%
XYZ	55.9470, 54.6648, 61.6355
YIQ	197.3160, 11.0940, 8.1980

Conversions

Conversions Part 2

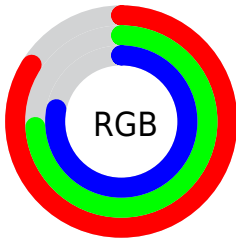
Format	Color
R _Y B	213, 189, 199
Decimal	14007751
CIE Lab	78.85, 10.21, -1.91
CIE LCh	79, 10.385, 349.378
Yxy	54.6648, 0.3248, 0.3174
Android (android.graphics.Color)	4292197831 (0xFFD5BDC7)
YUV	197.3160, 0.8302, 13.7549
Hunter-Lab	73.9356, 5.6833, 2.3286

Details

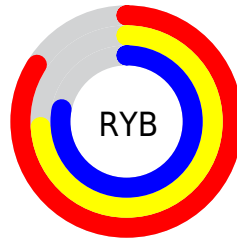
The XYZ color **55.9470, 54.6648, 61.6355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5621, 62.7206, 65.6808**, and the grayscale version is **53.2536, 56.0269, 61.0133**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **28.0155, 26.9218, 30.5079** is the 20% darker color. If you saturate the color by 10%, you get **50.3133, 45.6123, 52.9275**, and if you desaturate by 10%, it is **62.3746, 65.1149, 71.1908**.

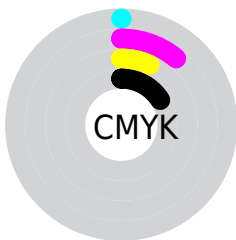
Distribution



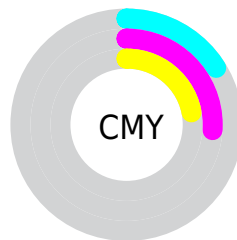
- Red (84%)
- Green (74%)
- Blue (78%)



- Red (84%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9470, 54.6648, 61.6355 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 55.9470, 54.6648, 61.6355 by changing the saturation by 10% instead.


 55.9470, 54.6648,
61.6355

 55.9470, 54.6648,
61.6355


399.5700,
404.6400, 448.5712

 40.3973, 39.1334,
44.3044

 98.0673, 97.0497,
108.7650

 28.0340, 26.8635,
30.5709


125.3687,
124.6719, 139.4005

 18.4919, 17.4708,
20.0166


157.3179,
157.0933, 175.3078

 11.4055, 10.5707,
12.2229

194.2804,
194.6981, 216.9055

 6.4096, 5.7790,
6.7713

236.6215,
237.8708, 264.6122

 3.1387, 2.7111,
3.2432

284.7065,

 1.2275, 0.9829,

286.9958, 318.8463

1.2201

338.9009,
342.4574, 380.0265

■ 0.1279, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9470, 54.6648,
61.6355

■ 55.9470, 54.6648,
61.6355

■ 50.3133, 45.6123,
52.9275

■ 62.3746, 65.1149,
71.1908

■ 45.4367, 37.8908,
45.0388

■ 69.6214, 77.0115,
81.6133

■ 41.2846, 31.4387,
37.9447

■ 77.7177, 90.4096,
92.9265

■ 37.8199, 26.1869,
31.6182

■ 80.2545, 92.4877,
103.0067

■ 35.0022, 22.0596,
26.0300

■ 81.2510, 92.8863,
108.2542

■ 32.7866, 18.9720,
21.1489

■ 31.1219, 16.8276,
16.9408

■ 29.9474, 15.5109,
13.3674

■ 29.2329, 14.8631,
10.7205

Harmonies

Analogous

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



55.0210, 54.6648, 67.2132



55.9470, 54.6648, 61.6355



55.7828, 54.6648, 55.8368

Triad

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



55.9470, 54.6648, 61.6355



50.6545, 54.6648, 49.4511



49.4217, 54.6648, 68.5496

Complementary

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



55.9470, 54.6648, 61.6355



55.5621, 62.7206, 65.6808

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.



48.3107, 54.6648, 63.3632



55.9470, 54.6648, 61.6355



49.0094, 54.6648, 52.4387

Square

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



55.9470, 54.6648, 61.6355



52.6905, 54.6648, 49.0562



48.1618, 54.6648, 57.4548



51.2308, 54.6648, 71.3766

Rectangle

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



55.9470, 54.6648, 61.6355



55.0784, 54.6648, 52.6121



48.1618, 54.6648, 57.4548



48.9563, 54.6648, 67.0090

Sweetspot

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



55.9486, 54.6672, 61.6367



91.9475, 94.9317, 104.3620



54.8384, 53.8983, 70.4648



19.5072, 20.0366, 22.0825



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.



55.9486, 54.6672, 61.6367



81.5259, 78.0301, 88.7359



55.2586, 55.0843, 55.8668



12.6357, 12.5058, 14.0217



17.9048, 9.0982, 6.8028



1.1207, 0.5651, 0.6248

Inverse Universe

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



55.9486, 54.6672, 61.6367



81.5259, 78.0301, 88.7359



56.2925, 62.2129, 71.9930



12.6357, 12.5058, 14.0217



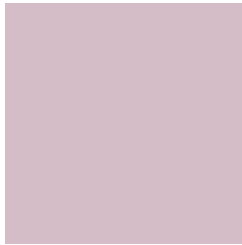
17.9048, 9.0982, 6.8028



1.1207, 0.5651, 0.6248

Previews

White Background



This preview shows how the XYZ color 55.9470, 54.6648, 61.6355 looks on a white background.

Color Contrast Check

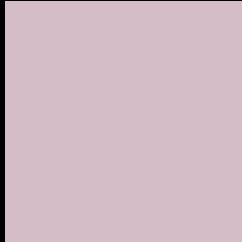
Large Text (above 18pt) WCAG AA × Fail

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 55.9470, 54.6648, 61.6355 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 55.9470, 54.6648, 61.6355

Background



This preview shows how black text looks on a background with the XYZ color 55.9470, 54.6648, 61.6355.



This preview shows how white text looks on a background with the XYZ color 55.9470, 54.6648,

61.6355.

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

55.9470, 54.6648, 61.6355

Protanopia

52.9784, 54.7182, 63.6465

Deuteranopia

55.6578, 54.5158, 61.6219



Tritanopia

56.4943, 54.5744, 64.0563

Trichromacy



Original Color

55.9470, 54.6648, 61.6355

Protanomaly

54.0209, 54.6128, 62.9525

Deuteranomaly

55.6578, 54.5158, 61.6219

Tritanomaly

56.3754, 54.5268, 63.4305

Monochromacy



Original Color

55.9470, 54.6648, 61.6355

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.1134, 55.3573, 61.2590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9470, 54.6648, 61.6355 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(213, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 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(213, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.9470, 54.6648, 61.6355 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(213, 189, 199) }
```


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

```
.border{ border-color:rgb(213, 189, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9470, 54.6648, 61.6355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 199) }
```

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

```
.background{ background-color: rgb(213,  
189, 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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