

Converting Colors

XYZ(55.3614, 53.9147, 67.1464)

Have a look what the booklet for
XYZ(55.3614, 53.9147, 67.1464)
contains.

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Color

**XYZ(55.3808, 53.9304,
67.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BCD0
RGB	208, 188, 208
RGB Percent	82%, 74%, 82%
CMY	0.1843, 0.2627, 0.1843
CMYK	0.00, 0.10, 0.00, 0.18
HSL	300°, 18%, 78%
HSV	300°, 10%, 82%
XYZ	55.3808, 53.9304, 67.1652
YIQ	196.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

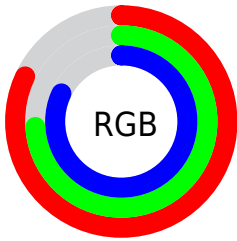
Format	Color
R_{YB}	208, 188, 208
Decimal	13679824
CIE _{Lab}	78.42, 10.63, -7.46
CIE _{LCh}	78, 12.983, 324.947
Yxy	53.9304, 0.3138, 0.3056
Android (android.graphics.Color)	4291869904 (0xFFD0BCD0)
YUV	196.2600, 5.7878, 10.2960
Hunter-Lab	73.4373, 6.0957, -2.8200

Details

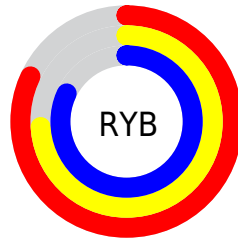
The XYZ color **55.3808, 53.9304, 67.1652** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3741, 59.4355, 56.2916**, and the grayscale version is **52.5907, 55.3295, 60.2539**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **27.8231, 26.5311, 34.2264** is the 20% darker color. If you saturate the color by 10%, you get **51.2543, 45.6767, 65.7903**, and if you desaturate by 10%, it is **60.1508, 63.4695, 68.7559**.

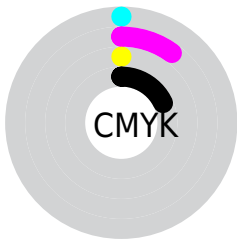
Distribution



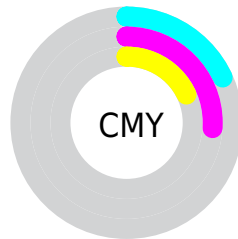
- Red (82%)
- Green (74%)
- Blue (82%)



- Red (82%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3808, 53.9304, 67.1652 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 55.3808, 53.9304, 67.1652 by changing the saturation by 10% instead.

■ 55.3808, 53.9304,
67.1652

■ 55.3808, 53.9304,
67.1652

397.4668,
401.8446, 469.0501

■ 39.9417, 38.5460,
48.7565

■ 97.2437, 95.9720,
116.8000

■ 27.6771, 26.4067,
34.0621

124.3983,
123.3981, 148.8631

■ 18.2216, 17.1282,
22.6635

156.1888,
155.6068, 186.3148

■ 11.2099, 10.3259,
14.1423

192.9805,
192.9827, 229.5735

■ 6.2765, 5.6156,
8.0798

235.1388,
235.9099, 279.0579

■ 3.0562, 2.6128,
4.0576

283.0290,

■ 1.1835, 0.9331,

284.7731, 335.1864

1.6570

337.0166,
339.9565, 398.3776

■ 0.0933, 0.0000,
0.3310

■ 0.0000, 0.0000,
0.0000

■ 55.3808, 53.9304,
67.1652

■ 55.3808, 53.9304,
67.1652

■ 51.2543, 45.6767,
65.7903

■ 60.1508, 63.4695,
68.7559

■ 47.7394, 38.6469,
64.6185

■ 65.5852, 74.3383,
70.5675

■ 44.8084, 32.7849,
63.6414

■ 71.7099, 86.5876,
72.6092

■ 42.4297, 28.0275,
62.8484

■ 73.1582, 89.4843,
73.0921

40.5687, 24.3055,
62.2279

73.1582, 89.4843,
73.0922

39.1868, 21.5418,
61.7672

73.1582, 89.4843,
73.0923

38.2403, 19.6489,
61.4516

73.1583, 89.4843,
73.0924

37.6773, 18.5229,
61.2638

73.1583, 89.4843,
73.0925

37.4066, 17.9816,
61.1735

73.1583, 89.4843,
73.0926

Harmonies

Analogous

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



53.3562, 53.9304, 72.4027



55.3808, 53.9304, 67.1652



56.3026, 53.9304, 59.9672

Triad

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



55.3808, 53.9304, 67.1652



51.6925, 53.9304, 45.8088



46.9388, 53.9304, 64.8482

Complementary

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



55.3808, 53.9304, 67.1652



52.3741, 59.4355, 56.2916

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.



46.5264, 53.9304, 57.4923



55.3808, 53.9304, 67.1652



49.2179, 53.9304, 46.8816

Square

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



55.3808, 53.9304, 67.1652



54.1286, 53.9304, 47.9546



47.3474, 53.9304, 51.0160



48.4931, 53.9304, 70.9891

Rectangle

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



55.3808, 53.9304, 67.1652



56.1464, 53.9304, 55.1715



47.3474, 53.9304, 51.0160



46.6642, 53.9304, 62.4197

Sweetspot

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



55.3824, 53.9327, 67.1664



92.6579, 95.2158, 108.1026



50.1098, 51.2146, 66.9197



19.6992, 20.1134, 23.0939



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.



55.3824, 53.9327, 67.1664



86.0532, 82.0066, 105.9009



54.1905, 53.4560, 60.8898



12.3109, 12.0091, 14.9128



23.3081, 11.1961, 38.1244



1.3032, 0.6260, 2.1317

Inverse Universe

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



55.3824, 53.9327, 67.1664



86.0532, 82.0066, 105.9009



53.4898, 59.8818, 62.1671



12.3109, 12.0091, 14.9128



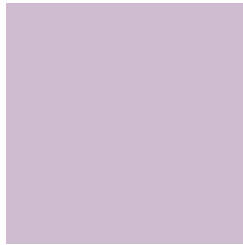
23.3081, 11.1961, 38.1244



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 55.3808, 53.9304, 67.1652 looks on a white background.

Color Contrast Check

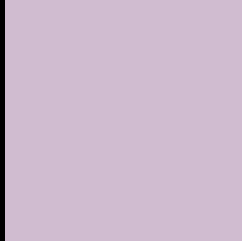
Large Text (above 18pt) WCAG AA × Fail

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 55.3808, 53.9304, 67.1652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

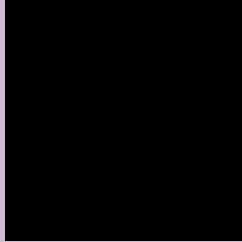
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3808, 53.9304, 67.1652

Background



This preview shows how black text looks on a background with the XYZ color 55.3808, 53.9304, 67.1652.



This preview shows how white text looks on a background with the XYZ color 55.3808, 53.9304,

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

55.3808, 53.9304, 67.1652

Protanopia

52.8202, 54.1805, 69.3020

Deuteranopia

55.3149, 54.2147, 67.2236



Tritanopia

54.8288, 54.0202, 64.6639

Trichromacy



Original Color

55.3808, 53.9304, 67.1652

Protanomaly

53.5524, 53.9205, 68.5580

Deuteranomaly

55.3149, 54.2147, 67.2236

Tritanomaly

54.9492, 54.0684, 65.2977

Monochromacy



Original Color

55.3808, 53.9304, 67.1652

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.3147, 54.5894, 62.3704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3808, 53.9304, 67.1652 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(208, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 188, 208)  
}
```

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(208, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 188, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.3808, 53.9304, 67.1652 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(208, 188, 208) }
```


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

```
.border{ border-color:rgb(208, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 188,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3808, 53.9304, 67.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 188, 208) }
```

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

```
.background{ background-color: rgb(208,  
188, 208) }
```

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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