

Converting Colors

XYZ(55.8794, 54.3026, 60.8547)

Have a look what the booklet for
XYZ(55.8794, 54.3026, 60.8547)
contains.

XYZ(55.9078, 54.3398, 60.9681)	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(55.9078, 54.3398,
60.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BCC6
RGB	214, 188, 198
RGB Percent	84%, 74%, 78%
CMY	0.1608, 0.2627, 0.2235
CMYK	0.00, 0.12, 0.07, 0.16
HSL	337°, 24%, 79%
HSV	337°, 12%, 84%
XYZ	55.9078, 54.3398, 60.9681
YIQ	196.9140, 12.2860, 8.6220

Conversions

Conversions Part 2

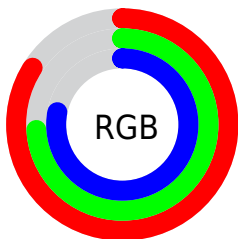
Format	Color
R _Y B	214, 188, 198
Decimal	14073030
CIE Lab	78.66, 10.92, -1.64
CIE LCh	79, 11.044, 351.462
Yxy	54.3398, 0.3265, 0.3174
Android (android.graphics.Color)	4292263110 (0xFFD6BCC6)
YUV	196.9140, 0.5354, 14.9844
Hunter-Lab	73.7155, 6.3769, 2.5637

Details

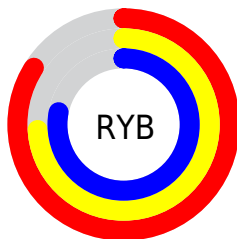
The XYZ color **55.9078, 54.3398, 60.9681** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6868, 63.1455, 66.3830**, and the grayscale version is **53.0120, 55.7728, 60.7365**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **27.9961, 26.7125, 30.0660** is the 20% darker color. If you saturate the color by 10%, you get **50.2173, 45.2848, 51.8992**, and if you desaturate by 10%, it is **62.4114, 64.8081, 70.9612**.

Distribution



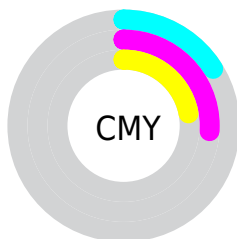
- Red (84%)
- Green (74%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (16%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9078, 54.3398, 60.9681 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 55.9078, 54.3398, 60.9681 by changing the saturation by 10% instead.


 55.9078, 54.3398,
60.9681

 55.9078, 54.3398,
60.9681

399.4246,
403.4044, 446.0603

 40.3657, 38.8734,
43.7690


 98.0104, 96.5730,
107.7898

 28.0093, 26.6612,
30.1531


125.3015,
124.1086, 138.2496

 18.4731, 17.3190,
19.7018


157.2398,
156.4360, 173.9666

 11.3920, 10.4622,
11.9965

194.1905,
193.9396, 215.3595

 6.4003, 5.7065,
6.6188

236.5189,
237.0039, 262.8468

 3.1330, 2.6674,
3.1501

284.5905,

 1.2245, 0.9607,

286.0132, 316.8470

1.1718

338.7706,
341.3519, 377.7787

■ 0.1256, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9078, 54.3398,
60.9681

■ 55.9078, 54.3398,
60.9681

■ 50.2173, 45.2848,
51.8992

■ 62.4114, 64.8081,
70.9612

■ 45.3023, 37.5753,
43.7234

■ 69.7545, 76.7397,
81.9013

■ 41.1287, 31.1482,
36.4130

■ 77.9681, 90.1907,
93.8147

■ 37.6584, 25.9329,
29.9372

■ 80.8549, 92.7615,
104.6504

■ 34.8495, 21.8518,
24.2633

■ 81.5418, 93.0363,
108.2678

■ 32.6553, 18.8180,
19.3560

■ 31.0228, 16.7322,
15.1768

■ 29.8888, 15.4750,
11.6825

■ 29.2659, 14.9099,
9.3761

Harmonies

Analogous

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



54.9987, 54.3398, 66.9701



55.9078, 54.3398, 60.9681



55.6506, 54.3398, 54.8801

Triad

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



55.9078, 54.3398, 60.9681



50.1290, 54.3398, 48.6777



49.0792, 54.3398, 69.0678

Complementary

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



55.9078, 54.3398, 60.9681



55.6868, 63.1455, 66.3830

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.



47.8427, 54.3398, 63.6711



55.9078, 54.3398, 60.9681



48.4369, 54.3398, 51.9945

Square

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



55.9078, 54.3398, 60.9681



52.2735, 54.3398, 48.0660



47.6109, 54.3398, 57.4013



51.0282, 54.3398, 71.8574

Rectangle

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



55.9078, 54.3398, 60.9681



54.8555, 54.3398, 51.5650



47.6109, 54.3398, 57.4013



48.5687, 54.3398, 67.4812

Sweetspot

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



55.9093, 54.3422, 60.9693



90.8875, 93.2661, 102.6074



54.9151, 53.6050, 71.0714



19.2910, 19.7002, 21.7144



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.



55.9093, 54.3422, 60.9693



80.4771, 76.5524, 86.4757



55.3542, 55.0168, 55.2817



12.6189, 12.4991, 13.9335



17.7364, 9.0309, 5.9159



1.1096, 0.5606, 0.5666

Inverse Universe

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



55.9093, 54.3422, 60.9693



80.4771, 76.5524, 86.4757



56.2721, 62.3353, 72.6850



12.6189, 12.4991, 13.9335



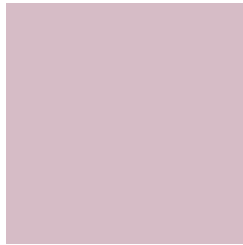
17.7364, 9.0309, 5.9159



1.1096, 0.5606, 0.5666

Previews

White Background



This preview shows how the XYZ color 55.9078, 54.3398, 60.9681 looks on a white background.

Color Contrast Check

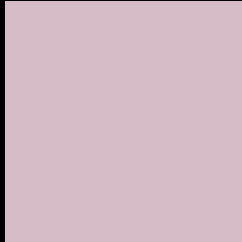
Large Text (above 18pt) WCAG AA × Fail

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 55.9078, 54.3398, 60.9681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

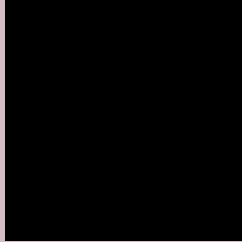
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9078, 54.3398, 60.9681

Background



This preview shows how black text looks on a background with the XYZ color 55.9078, 54.3398, 60.9681.



This preview shows how white text looks on a background with the XYZ color 55.9078, 54.3398,

60.9681.

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

55.9078, 54.3398, 60.9681

Protanopia

52.5994, 54.5364, 63.0126

Deuteranopia

55.5420, 54.4695, 61.0124



Tritanopia

56.4553, 54.2520, 63.3733

Trichromacy



Original Color

55.9078, 54.3398, 60.9681

Protanomaly

53.9036, 54.5659, 62.3348

Deuteranomaly

55.8312, 54.6185, 61.0259

Tritanomaly

56.3373, 54.2048, 62.7516

Monochromacy



Original Color

55.9078, 54.3398, 60.9681

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.9984, 55.3113, 60.6534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9078, 54.3398, 60.9681 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(214, 188, 198) looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 198)  
}
```

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(214, 188, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 198) }
```

Border

The CSS property to change the border of an element to XYZ 55.9078, 54.3398, 60.9681 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(214, 188, 198) }
```


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

```
.border{ border-color:rgb(214, 188, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 198);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9078, 54.3398, 60.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 198) }
```

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

```
.background{ background-color: rgb(214,  
188, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor