

Converting Colors

XYZ(55.2467, 58.4154, 60.7375)

Have a look what the booklet for
XYZ(55.2467, 58.4154, 60.7375)
contains.

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Color

**XYZ(55.2076, 58.3154,
60.5708)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9C4
RGB	202, 201, 196
RGB Percent	79%, 79%, 77%
CMY	0.2078, 0.2117, 0.2314
CMYK	0.00, 0.00, 0.03, 0.21
HSL	50°, 5%, 78%
HSV	50°, 3%, 79%
XYZ	55.2076, 58.3154, 60.5708
YIQ	200.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

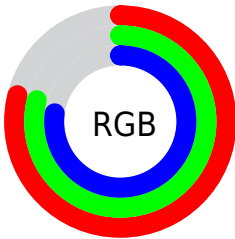
Format	Color
RYB	197, 202, 196
Decimal	13289924
CIELab	80.91, -0.55, 2.61
CIELCh	81, 2.664, 101.960
Yxy	58.3154, 0.3171, 0.3350
Android (android.graphics.Color)	4291480004 (0xFFCAC9C4)
YUV	200.7290, -2.3314, 1.1147
Hunter-Lab	76.3645, -4.5916, 6.4275

Details

The XYZ color **55.2076, 58.3154, 60.5708** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.3919, 55.9318, 63.8598**, and the grayscale version is **55.3640, 58.2472, 63.4313**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **27.5289, 29.1163, 29.7603** is the 20% darker color. If you saturate the color by 10%, you get **52.2886, 55.9121, 49.0075**, and if you desaturate by 10%, it is **58.4566, 60.8818, 73.7728**.

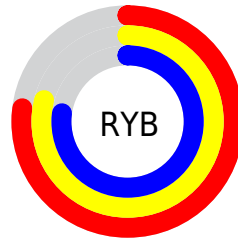
Distribution



Red (79%)

Green (79%)

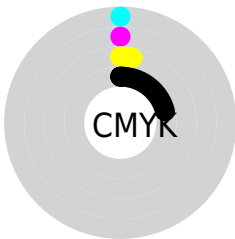
Blue (77%)



Red (77%)

Yellow (79%)

Blue (77%)

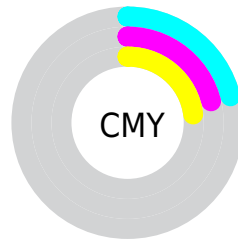


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2076, 58.3154, 60.5708 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 55.2076, 58.3154, 60.5708 by changing the saturation by 10% instead.

■ 55.2076, 58.3154,
60.5708

■ 55.2076, 58.3154,
60.5708

396.8220,
418.3602, 444.5615

■ 39.8025, 42.0623,
43.4506

96.9916, 102.3820,
107.2087

■ 27.5681, 29.1500,
29.9048

124.1012,
130.9643, 137.5635

■ 18.1391, 19.1944,
19.5149

155.8429,
164.4250, 173.1668

■ 11.1502, 11.8108,
11.8623

192.5822,
203.1487, 214.4373

■ 6.2360, 6.6150,
6.5286

234.6844,
247.5196, 261.7935

■ 3.0311, 3.2225,
3.0952

282.5149,

■ 1.1702, 1.2490,

297.9223, 315.6539

1.1434

336.4390,
354.7410, 376.4370

■ 0.0827, 0.1012,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2076, 58.3154,
60.5708

■ 55.2076, 58.3154,
60.5708

■ 52.2886, 55.9121,
49.0075

■ 58.4566, 60.8818,
73.7728

■ 49.6823, 53.6591,
39.0144

■ 62.0424, 63.6085,
88.6709

■ 47.3771, 51.5536,
30.5238

■ 65.7186, 66.3991,
103.9603

■ 45.3588, 49.5896,
23.4614

■ 66.5611, 68.0840,
104.2411

■ 43.6120, 47.7609,
17.7468

■ 67.4210, 69.8039,
104.5278

■ 42.1199, 46.0604,
13.2915

■ 68.2986, 71.5589,
104.8203

■ 40.8634, 44.4806,
9.9963

■ 69.1938, 73.3494,
105.1187

■ 39.8209, 43.0124,
7.7473

■ 70.1069, 75.1755,
105.4230

■ 38.9662, 41.6452,
6.4072

■ 71.0378, 77.0374,
105.7334

Harmonies

Analogous

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



55.7561, 58.3154, 60.6516



55.2076, 58.3154, 60.5708



54.7211, 58.3154, 61.2640

Triad

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



55.2076, 58.3154, 60.5708



54.6423, 58.3154, 65.5477



56.4414, 58.3154, 64.4407

Complementary

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



55.2076, 58.3154, 60.5708



53.3919, 55.9318, 63.8598

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.



56.1390, 58.3154, 65.7806



55.2076, 58.3154, 60.5708



55.0993, 58.3154, 66.4270

Square

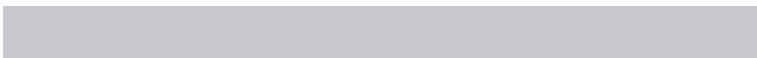
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.2076, 58.3154, 60.5708



54.3962, 58.3154, 64.1269



55.6471, 58.3154, 66.5130



56.4709, 58.3154, 62.8683

Rectangle

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



55.2076, 58.3154, 60.5708



54.4964, 58.3154, 62.0787



55.6471, 58.3154, 66.5130



56.3682, 58.3154, 64.9338

Sweetspot

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



55.2092, 58.3179, 60.5721



94.5072, 99.5670, 106.7071



54.1759, 56.0685, 60.7911



20.2341, 21.3160, 22.8628



0.0000, 0.0000, 0.0000



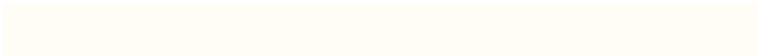
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.2092, 58.3179, 60.5721



92.9129, 98.2844, 100.3000



54.9046, 58.5068, 60.6246



12.3011, 13.0231, 13.1502



24.7945, 26.3219, 3.7738



1.3224, 1.4444, 0.2091

Inverse Universe

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



53.3919, 55.9318, 63.8598



88.7426, 92.8089, 107.8444



53.6901, 55.7508, 63.8091



11.6614, 12.1833, 14.3074



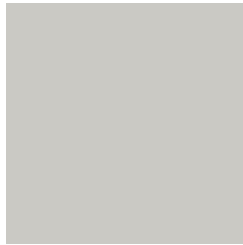
7.2641, 3.5521, 36.2590



0.4228, 0.2794, 1.8866

Previews

White Background



This preview shows how the XYZ color 55.2076, 58.3154, 60.5708 looks on a white background.

Color Contrast Check

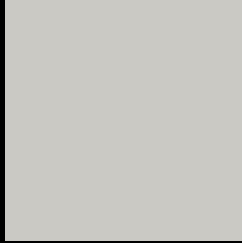
Large Text (above 18pt) WCAG AA × Fail

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 55.2076, 58.3154, 60.5708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

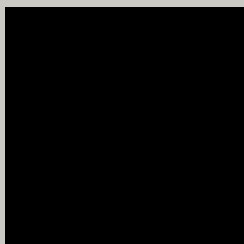
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

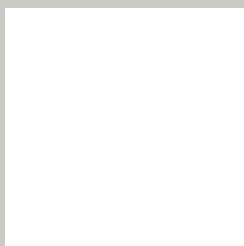
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2076, 58.3154, 60.5708

Background



This preview shows how black text looks on a background with the XYZ color 55.2076, 58.3154, 60.5708.

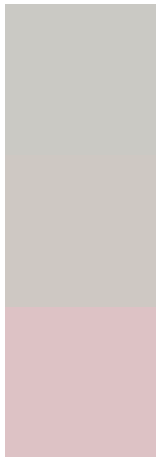


This preview shows how white text looks on a background with the XYZ color 55.2076, 58.3154,

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

55.2076, 58.3154, 60.5708

Protanopia

55.9582, 58.3705, 59.9471

Deuteranopia

59.1886, 57.9869, 60.8963



Tritanopia

57.5085, 58.2223, 71.8253

Trichromacy



Original Color

55.2076, 58.3154, 60.5708

Protanomaly

55.6814, 58.2278, 59.9341

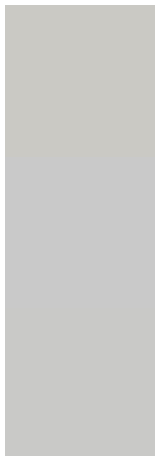
Deuteranomaly

57.7759, 58.2599, 61.0235

Tritanomaly

56.5877, 58.1892, 67.2806

Monochromacy



Original Color

55.2076, 58.3154, 60.5708

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.2828, 58.3143, 62.3749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2076, 58.3154, 60.5708 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(202, 201, 196)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 196)  
}
```

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(202, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.2076, 58.3154, 60.5708 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(202, 201, 196) }
```


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

```
.border{ border-color:rgb(202, 201, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 196);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2076, 58.3154, 60.5708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 196) }
```

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

```
.background{ background-color: rgb(202,  
201, 196) }
```

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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