

Converting Colors

XYZ(55.5130, 58.9478, 60.4466)

Have a look what the booklet for
XYZ(55.5130, 58.9478, 60.4466)
contains.

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Color

**XYZ(55.4415, 58.7831,
60.6488)**

Conversions

Conversions Part 1

Format	Color
Hex	CACAC4
RGB	202, 202, 196
RGB Percent	79%, 79%, 77%
CMY	0.2078, 0.2078, 0.2314
CMYK	0.00, 0.00, 0.03, 0.21
HSL	60°, 5%, 78%
HSV	60°, 3%, 79%
XYZ	55.4415, 58.7831, 60.6488
YIQ	201.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

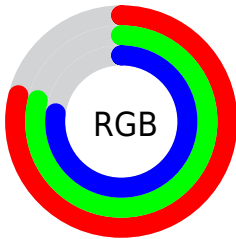
Format	Color
R_{YB}	196, 202, 196
Decimal	13290180
CIE Lab	81.17, -1.08, 2.98
CIE LCh	81, 3.170, 109.872
Yxy	58.7831, 0.3170, 0.3361
Android (android.graphics.Color)	4291480260 (0xFFCACAC4)
YUV	201.3160, -2.6208, 0.5999
Hunter-Lab	76.6701, -5.0963, 6.7686

Details

The XYZ color **55.4415, 58.7831, 60.6488** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1677, 55.4815, 63.7868**, and the grayscale version is **55.7297, 58.6320, 63.8502**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **27.6851, 29.4287, 29.8123** is the 20% darker color. If you saturate the color by 10%, you get **53.2930, 57.9252, 49.3430**, and if you desaturate by 10%, it is **57.9029, 59.7699, 73.5877**.

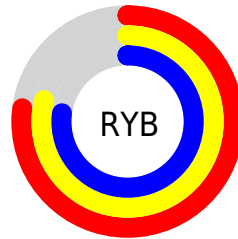
Distribution



Red (79%)

Green (79%)

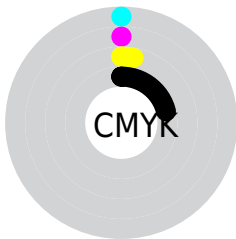
Blue (77%)



Red (77%)

Yellow (79%)

Blue (77%)

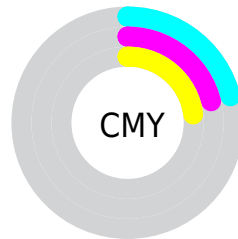


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4415, 58.7831, 60.6488 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 55.4415, 58.7831, 60.6488 by changing the saturation by 10% instead.

■ 55.4415, 58.7831,
60.6488

■ 55.4415, 58.7831,
60.6488

397.6926,
420.0976, 444.8560

■ 39.9906, 42.4385,
43.5131

97.3321, 103.0624,
107.3228

■ 27.7154, 29.4448,
29.9535

124.5024,
131.7658, 137.6982

■ 18.2506, 19.4176,
19.5516

156.3099,
165.3578, 173.3239

■ 11.2308, 11.9724,
11.8887

193.1200,
204.2225, 214.6185

■ 6.2907, 6.7249,
6.5463

235.2979,
248.7445, 262.0004

■ 3.0650, 3.2907,
3.1059

283.2091,

■ 1.1882, 1.2853,

299.3081, 315.8883

1.1490

337.2188,
356.2976, 376.7006

■ 0.0970, 0.1298,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4415, 58.7831,
60.6488

■ 55.4415, 58.7831,
60.6488

■ 53.2930, 57.9252,
49.3430

■ 57.9029, 59.7699,
73.5877

■ 51.4402, 57.1838,
39.6018

■ 60.6840, 60.8827,
88.2170

■ 49.8717, 56.5560,
31.3575

■ 63.5381, 62.0246,
103.2309

■ 48.5733, 56.0363,
24.5360

■ 63.5411, 62.0262,
103.2310

47.5298, 55.6186,
19.0567

63.5440, 62.0277,
103.2312

46.7244, 55.2961,
14.8311

63.5470, 62.0292,
103.2313

46.1383, 55.0613,
11.7603

63.5500, 62.0308,
103.2314

45.7499, 54.9056,
9.7302

63.5530, 62.0323,
103.2316

45.5330, 54.8185,
8.6037

63.5559, 62.0338,
103.2317

Harmonies

Analogous

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



56.0949, 58.7831, 60.4948



55.4415, 58.7831, 60.6488



54.9073, 58.7831, 61.6920

Triad

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



55.4415, 58.7831, 60.6488



55.0580, 58.7831, 66.8228



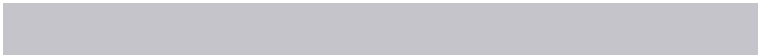
57.1296, 58.7831, 64.6457

Complementary

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



55.4415, 58.7831, 60.6488



53.1677, 55.4815, 63.7868

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.



56.8471, 58.7831, 66.3747



55.4415, 58.7831, 60.6488



55.6488, 58.7831, 67.6480

Square

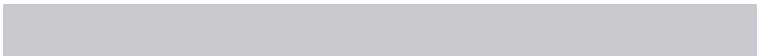
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.4415, 58.7831, 60.6488



54.6871, 58.7831, 65.2476



56.3039, 58.7831, 67.4824



57.0730, 58.7831, 62.7779

Rectangle

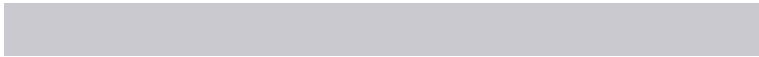
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.4415, 58.7831, 60.6488



54.6890, 58.7831, 62.7629



56.3039, 58.7831, 67.4824



57.0710, 58.7831, 65.2630

Sweetspot

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



55.4431, 58.7856, 60.6501



94.6416, 99.8366, 106.7520



54.0627, 56.0234, 60.1897



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



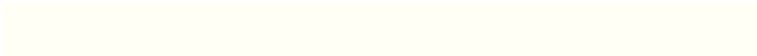
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4431, 58.7856, 60.6501



93.4489, 99.3593, 100.4792



54.6396, 58.3714, 60.6125



12.3836, 13.1886, 13.1778



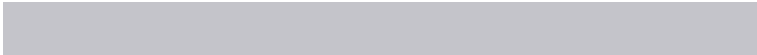
29.2455, 35.2519, 5.2629



1.5089, 1.8187, 0.2715

Inverse Universe

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



53.1677, 55.4815, 63.7868



88.2303, 91.7814, 107.6731



53.9555, 55.8876, 63.8237



11.5831, 12.0263, 14.2812



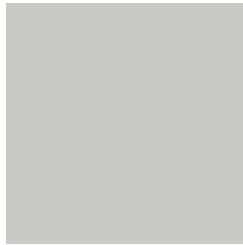
6.8611, 2.7446, 36.1244



0.3542, 0.1417, 1.8636

Previews

White Background



This preview shows how the XYZ color 55.4415, 58.7831, 60.6488 looks on a white background.

Color Contrast Check

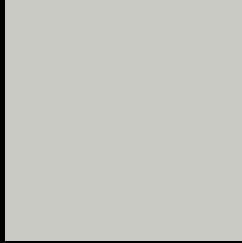
Large Text (above 18pt) WCAG AA × Fail

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 55.4415, 58.7831, 60.6488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

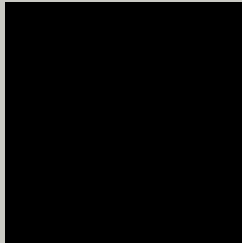
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

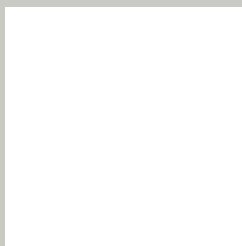
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4415, 58.7831, 60.6488

Background



This preview shows how black text looks on a background with the XYZ color 55.4415, 58.7831, 60.6488.

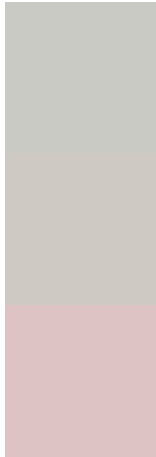


This preview shows how white text looks on a background with the XYZ color 55.4415, 58.7831,

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

55.4415, 58.7831, 60.6488

Protanopia

56.4691, 58.9788, 60.0376

Deuteranopia

59.7174, 58.5910, 60.9851



Tritanopia

57.8660, 58.7323, 72.5766

Trichromacy



Original Color

55.4415, 58.7831, 60.6488

Protanomaly

55.9138, 58.6926, 60.0116

Deuteranomaly

58.2965, 58.8665, 61.1131

Tritanomaly

56.9413, 58.7000, 68.0036

Monochromacy



Original Color

55.4415, 58.7831, 60.6488

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 55.4415, 58.7831, 60.6488 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, 202, 196)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 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, 202, 196) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 55.4415, 58.7831, 60.6488 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, 202, 196) }
```


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

```
.border{ border-color:rgb(202, 202, 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, 202, 196) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 55.4415, 58.7831, 60.6488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(202,  
202, 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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