

# Converting Colors

XYZ(55.8545, 61.9093, 58.8804)

Have a look what the booklet for  
XYZ(55.8545, 61.9093, 58.8804)  
contains.

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# Color

**XYZ(55.8497, 61.9047,  
58.8744)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6D2C0
RGB	198, 210, 192
RGB Percent	78%, 82%, 75%
CMY	0.2235, 0.1765, 0.2471
CMYK	0.06, 0.00, 0.09, 0.18
HSL	100°, 17%, 79%
HSV	100°, 9%, 82%
XYZ	55.8497, 61.9047, 58.8744
YIQ	204.3600, -1.3740, -8.1420

# Conversions

## Conversions Part 2

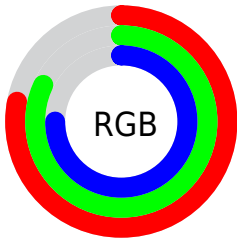
Format	Color
R <sub>YB</sub>	192, 210, 204
Decimal	13030080
CIE Lab	82.86, -7.34, 7.52
CIE LCh	83, 10.507, 134.325
Yxy	61.9047, 0.3162, 0.3505
Android (android.graphics.Color)	4291220160 (0xFFC6D2C0)
YUV	204.3600, -6.0935, -5.5777
Hunter-Lab	78.6795, -10.9832, 10.7101

# Details

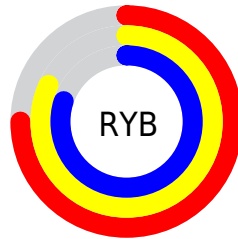
The XYZ color **55.8497, 61.9047, 58.8744** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3868, 55.1915, 68.7098**, and the grayscale version is **57.6617, 60.6645, 66.0637**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **28.0503, 31.5703, 29.0414** is the 20% darker color. If you saturate the color by 10%, you get **50.1655, 59.2261, 47.3164**, and if you desaturate by 10%, it is **62.2106, 64.8973, 72.1998**.

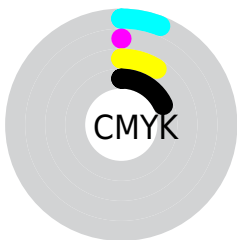
# Distribution



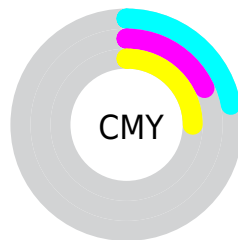
- Red (78%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8497, 61.9047, 58.8744 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 55.8497, 61.9047, 58.8744 by changing the saturation by 10% instead.



■ 55.8497, 61.9047,  
58.8744

■ 55.8497, 61.9047,  
58.8744

399.2091,  
431.5834, 438.1252

■ 40.3190, 44.9557,  
42.0927

■ 97.9259, 107.5878,  
104.7224

■ 27.9726, 31.4225,  
28.8478

125.2020,  
137.0907, 134.6258

■ 18.4454, 20.9208,  
18.7211

157.1240,  
171.5469, 169.7401

■ 11.3718, 13.0661,  
11.2942

194.0572,  
211.3410, 210.4840

■ 6.3867, 7.4741,  
6.1484

236.3669,  
256.8573, 257.2759

■ 3.1245, 3.7603,  
2.8653

284.4186,

■ 1.2199, 1.5404,

308.4802, 310.5343

1.0263

338.5775,  
366.5941, 370.6779

■ 0.1220, 0.3169,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 55.8497, 61.9047,  
58.8744

■ 55.8497, 61.9047,  
58.8744

■ 50.1655, 59.2261,  
47.3164

■ 62.2106, 64.8973,  
72.1998

■ 45.1297, 56.8433,  
37.4477

■ 69.2652, 68.2059,  
87.3583

■ 40.7195, 54.7480,  
29.1902

■ 77.0356, 71.8422,  
104.4145

■ 36.9086, 52.9284,  
22.4582

■ 81.9745, 74.3883,  
104.6456

■ 33.6687, 51.3721,  
17.1579

■ 82.3378, 74.5756,  
104.6626

■ 30.9690, 50.0655,  
13.1854

■ 28.7754, 48.9936,  
10.4225

■ 27.0489, 48.1392,  
8.7302

■ 25.7353, 47.4792,  
7.8941

# Harmonies

## Analogous

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



57.7683, 61.9047, 56.0340



55.8497, 61.9047, 58.8744



54.7470, 61.9047, 64.0919

# Triad

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



55.8497, 61.9047, 58.8744



57.6705, 61.9047, 80.1306



63.1569, 61.9047, 64.3666

# Complementary

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



55.8497, 61.9047, 58.8744



55.3868, 55.1915, 68.7098

# 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.



63.1291, 61.9047, 70.8277



55.8497, 61.9047, 58.8744



59.9220, 61.9047, 80.2159

# Square

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



55.8497, 61.9047, 58.8744



55.7797, 61.9047, 76.4932



61.9322, 61.9047, 76.7194



62.0073, 61.9047, 59.0644



# Rectangle

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



55.8497, 61.9047, 58.8744



54.6047, 61.9047, 68.3480



61.9322, 61.9047, 76.7194



63.2859, 61.9047, 66.4681

# Sweetspot

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



55.8514, 61.9074, 58.8757



91.9908, 98.5624, 102.4551



57.6881, 60.6957, 58.5451



19.5184, 21.0158, 21.5703



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

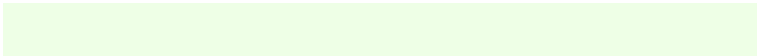


# Same Dimension

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



55.8514, 61.9074, 58.8757



85.2319, 95.3819, 88.4136



54.6370, 61.2425, 60.5724



12.0222, 13.3949, 12.5639



15.6937, 28.9594, 4.7626



0.9609, 1.6622, 0.2702



# Inverse Universe

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



55.3868, 55.1915, 68.7098



84.3903, 83.2195, 106.2229



56.6927, 55.9076, 66.8375



11.9121, 11.8035, 14.8941



13.8054, 6.2972, 37.6804



0.8542, 0.3945, 2.1107



# Previews

## White Background



This preview shows how the XYZ color 55.8497, 61.9047, 58.8744 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 55.8497, 61.9047, 58.8744 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

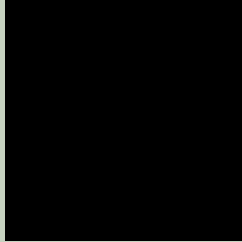
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

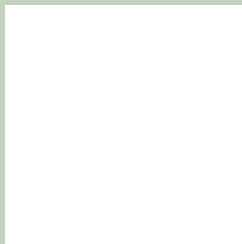
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 55.8497, 61.9047, 58.8744

## Background



This preview shows how black text looks on a background with the XYZ color 55.8497, 61.9047, 58.8744.



This preview shows how white text looks on a background with the XYZ color 55.8497, 61.9047,



# 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

55.8497, 61.9047, 58.8744

### Protanopia

58.8571, 61.6765, 57.5178

### Deuteranopia

62.7942, 61.5649, 59.6125



## Tritanopia

59.8847, 62.1130, 77.9400

# Trichromacy



## Original Color

55.8497, 61.9047, 58.8744

## Protanomaly

57.7292, 61.7971, 58.1756

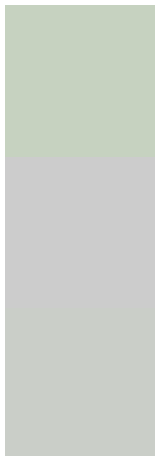
## Deuteranomaly

59.8950, 61.4676, 59.1597

## Tritanomaly

58.1581, 61.7463, 70.4810

# Monochromacy



## Original Color

55.8497, 61.9047, 58.8744

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

56.8538, 60.8693, 63.3960

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.8497, 61.9047, 58.8744 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(198, 210, 192)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 192)  
}
```

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(198, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 55.8497, 61.9047, 58.8744 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(198, 210, 192) }
```



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

```
.border{ border-color:rgb(198, 210, 192) }
```

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

Here you see how a box with a 4 pixel rgb(198, 210, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.8497, 61.9047, 58.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 192) }
```

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

```
.background{ background-color: rgb(198,  
210, 192) }
```

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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