

# Converting Colors

XYZ(59.7678, 60.8057, 54.4855)

Have a look what the booklet for  
XYZ(59.7678, 60.8057, 54.4855)  
contains.

<b>XYZ(59.7678, 60.8057, 54.4855)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(59.7678, 60.8057,  
54.4855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEC9B9
RGB	222, 201, 185
RGB Percent	87%, 79%, 73%
CMY	0.1294, 0.2117, 0.2745
CMYK	0.00, 0.09, 0.17, 0.13
HSL	26°, 36%, 80%
HSV	26°, 17%, 87%
XYZ	59.7678, 60.8057, 54.4855
YIQ	205.4550, 17.6520, -0.5240

# Conversions

## Conversions Part 2

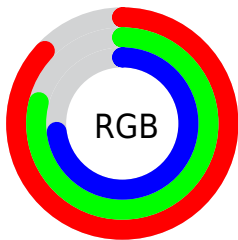
Format	Color
RYB	222, 213, 185
Decimal	14600633
CIELab	82.27, 4.77, 10.66
CIELCh	82, 11.674, 65.891
Yxy	60.8057, 0.3414, 0.3473
Android (android.graphics.Color)	4292790713 (0xFFDEC9B9)
YUV	205.4550, -10.0843, 14.5100
Hunter-Lab	77.9780, 0.3534, 13.1570

# Details

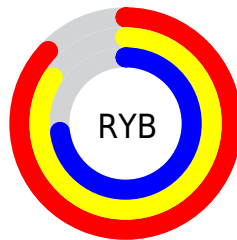
The XYZ color **59.7678, 60.8057, 54.4855** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2633, 59.7294, 77.7239**, and the grayscale version is **58.3739, 61.4139, 66.8797**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **30.5349, 30.7489, 26.1556** is the 20% darker color. If you saturate the color by 10%, you get **54.7880, 54.3080, 42.1520**, and if you desaturate by 10%, it is **65.3577, 67.9369, 68.8292**.

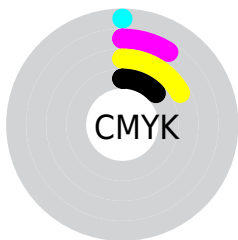
# Distribution



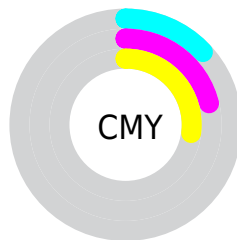
- Red (87%)
- Green (79%)
- Blue (73%)



- Red (87%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (13%)




- Cyan (13%)
- Magenta (21%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7678, 60.8057, 54.4855 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 59.7678, 60.8057, 54.4855 by changing the saturation by 10% instead.





 59.7678, 60.8057,  
54.4855

 59.7678, 60.8057,  
54.4855

413.5898,  
427.5612, 421.1855

 43.4802, 44.0684,  
38.5941


 103.6010,  
105.9976, 98.2503

 30.4583, 30.7243,  
26.1387


131.8774,  
135.2209, 126.9608

 20.3365, 20.3890,  
16.7008

164.8808,  
169.3750, 160.7815

 12.7495, 12.6781,  
9.8617

202.9765,  
208.8443, 200.1308

 7.3321, 7.2073,  
5.2029

246.5299,  
254.0132, 245.4273

 3.7188, 3.5921,  
2.3060

295.9063,

 1.5443, 1.4481,

305.2660, 297.0896

0.7346

351.4712,  
362.9872, 355.5361

■ 0.3557, 0.2518,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.7678, 60.8057,  
54.4855

■ 59.7678, 60.8057,  
54.4855

■ 54.7880, 54.3080,  
42.1520

■ 65.3577, 67.9369,  
68.8292

■ 50.3908, 48.4175,  
31.7337

■ 71.5743, 75.7110,  
85.2644

■ 46.5534, 43.1175,  
23.1337

■ 78.4393, 84.1474,  
103.8727

■ 43.2499, 38.3878,  
16.2450

■ 82.7951, 91.9912,  
108.0000

■ 40.4516, 34.2064,  
10.9492

■ 83.9344, 94.2697,  
108.3798

■ 38.1268, 30.5500,  
7.1126

■ 36.2392, 27.3924,  
4.5790

■ 34.7439, 24.7038,  
3.1496

■ 34.3097, 23.9003,  
2.8049

# Harmonies

## Analogous

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



61.7520, 60.8057, 58.5044



59.7678, 60.8057, 54.4855



57.3050, 60.8057, 53.5066

# Triad

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



59.7678, 60.8057, 54.4855



53.1702, 60.8057, 67.6215



60.6407, 60.8057, 77.9235

# Complementary

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



59.7678, 60.8057, 54.4855



55.2633, 59.7294, 77.7239

# 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.



58.2858, 60.8057, 80.7733



59.7678, 60.8057, 54.4855



54.0088, 60.8057, 74.5578

# Square

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



59.7678, 60.8057, 54.4855



53.5414, 60.8057, 60.7732



55.8641, 60.8057, 79.4996



62.2660, 60.8057, 71.9555



# Rectangle

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



59.7678, 60.8057, 54.4855



55.7326, 60.8057, 54.6436



55.8641, 60.8057, 79.4996



59.9056, 60.8057, 79.2966

# Sweetspot

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



59.7694, 60.8084, 54.4868



90.7998, 94.6763, 97.6901



58.6854, 54.7129, 66.2330



19.3108, 20.1083, 20.5851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

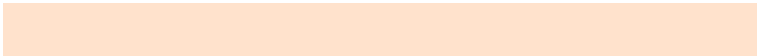


# Same Dimension

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



59.7694, 60.8084, 54.4868



79.3518, 80.0451, 68.3947



64.1915, 69.6525, 55.9608



14.1924, 14.6708, 14.3905



20.4850, 14.4080, 1.7013



1.5076, 1.1741, 0.1472

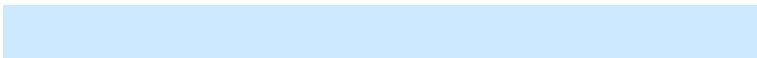


# Inverse Universe

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



55.2633, 59.7294, 77.7239



72.0737, 78.3011, 105.9227



51.1942, 51.5911, 76.3675



13.5943, 14.5277, 17.4753



12.3736, 12.2168, 42.7543



0.9462, 1.0238, 2.9930



# Previews

## White Background



This preview shows how the XYZ color 59.7678, 60.8057, 54.4855 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 59.7678, 60.8057, 54.4855 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

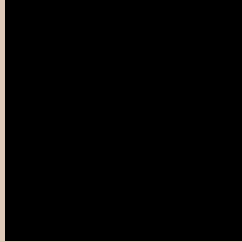
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 59.7678, 60.8057, 54.4855**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.7678, 60.8057, 54.4855.



This preview shows how white text looks on a background with the XYZ color 59.7678, 60.8057,

54.4855.

# 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

59.7678, 60.8057, 54.4855

### Protanopia

58.0031, 60.9197, 55.7153

### Deuteranopia

62.1079, 60.6335, 54.8844



## Tritanopia

63.2139, 60.8547, 70.7018

# Trichromacy



## Original Color

59.7678, 60.8057, 54.4855

## Protanomaly

58.5378, 60.8560, 55.1155

## Deuteranomaly

61.0519, 60.4273, 54.9002

## Tritanomaly

61.9061, 60.6600, 64.3229

# Monochromacy



## Original Color

59.7678, 60.8057, 54.4855

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

58.6499, 61.1118, 62.1307

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.7678, 60.8057, 54.4855 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(222, 201, 185)` looks like.

```
.text, #text, p{  
    color:rgb(222, 201, 185)  
}
```

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(222, 201, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 59.7678, 60.8057, 54.4855 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(222, 201, 185) }
```



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

```
.border{ border-color:rgb(222, 201, 185) }
```

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

Here you see how a box with a 4 pixel rgb(222, 201, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 185);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.7678, 60.8057, 54.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 201, 185) }
```

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

```
.background{ background-color: rgb(222,  
201, 185) }
```

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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