

# Converting Colors

XYZ(59.1338, 58.6056, 53.5471)

Have a look what the booklet for  
XYZ(59.1338, 58.6056, 53.5471)  
contains.

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# **Color**

**XYZ(58.9073, 58.3382,  
53.5030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0C3B8
RGB	224, 195, 184
RGB Percent	88%, 76%, 72%
CMY	0.1216, 0.2353, 0.2784
CMYK	0.00, 0.13, 0.18, 0.12
HSL	17°, 39%, 80%
HSV	17°, 18%, 88%
XYZ	58.9073, 58.3382, 53.5030
YIQ	202.4170, 20.8150, 2.7270

# Conversions

## Conversions Part 2

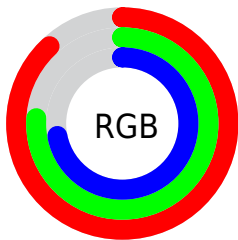
Format	Color
R <sub>Y</sub> B	224, 199, 184
Decimal	14730168
CIE Lab	80.93, 8.51, 9.29
CIE LCh	81, 12.601, 47.509
Yxy	58.3382, 0.3450, 0.3417
Android (android.graphics.Color)	4292920248 (0xFFE0C3B8)
YUV	202.4170, -9.0796, 18.9283
Hunter-Lab	76.3794, 4.0033, 11.9336

# Details

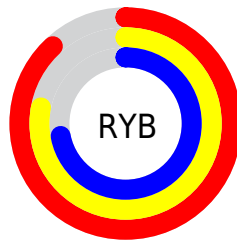
The XYZ color **58.9073, 58.3382, 53.5030** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.0155, 63.1591, 79.7074**, and the grayscale version is **56.4467, 59.3863, 64.6717**.

A 20% lighter version of the original color is **91.7786, 97.1721, 96.3569**, and **29.7701, 29.0133, 25.5038** is the 20% darker color. If you saturate the color by 10%, you get **53.3005, 50.5891, 40.9523**, and if you desaturate by 10%, it is **65.2848, 67.0326, 68.1462**.

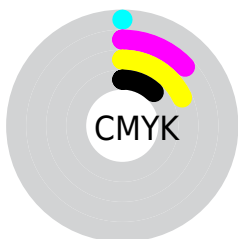
# Distribution



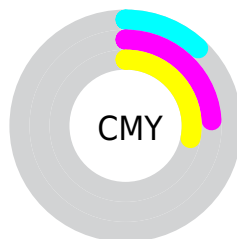
- Red (88%)
- Green (76%)
- Blue (72%)



- Red (88%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (12%)




- Cyan (12%)
- Magenta (24%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9073, 58.3382, 53.5030 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 58.9073, 58.3382, 53.5030 by changing the saturation by 10% instead.





 58.9073, 58.3382,  
53.5030

 58.9073, 58.3382,  
53.5030


410.4579,  
418.4450, 417.3329

 42.7846, 42.0806,  
37.8140


 102.3583,  
102.4152, 96.7932

 29.9099, 29.1644,  
25.5376


130.4173,  
131.0034, 125.2314

 19.9180, 19.2052,  
16.2554


163.1858,  
164.4705, 158.7564

 12.4433, 11.8187,  
9.5488

201.0291,  
203.2011, 197.7868

 7.1207, 6.6203,  
4.9991

244.3127,  
247.5794, 242.7411

 3.5847, 3.2258,  
2.1880

293.4017,

 1.4700, 1.2507,

297.9899, 294.0379

0.6674

348.6617,  
354.8170, 352.0956

■ 0.3053, 0.1026,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.9073, 58.3382,  
53.5030

■ 58.9073, 58.3382,  
53.5030

■ 53.3005, 50.5891,  
40.9523

■ 65.2848, 67.0326,  
68.1462

■ 48.4295, 43.7452,  
30.3944

■ 72.4566, 76.6950,  
84.9683

■ 44.2639, 37.7752,  
21.7268

■ 80.4511, 87.3572,  
104.0549

■ 40.7691, 32.6427,  
14.8362

■ 84.5507, 94.5874,  
108.4086

■ 37.9071, 28.3088,  
9.5973

■ 35.6363, 24.7312,  
5.8680

■ 33.9088, 21.8633,  
3.4820

■ 32.6633, 19.6505,  
2.2092

■ 32.4429, 19.2519,  
2.0061

# Harmonies

## Analogous

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



60.3725, 58.3382, 59.2947



58.9073, 58.3382, 53.5030



56.5410, 58.3382, 50.4988

# Triad

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



58.9073, 58.3382, 53.5030



50.6930, 58.3382, 60.4629



56.9719, 58.3382, 78.2329

# Complementary

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



58.9073, 58.3382, 53.5030



57.0155, 63.1591, 79.7074

# 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.



54.3706, 58.3382, 78.6076



58.9073, 58.3382, 53.5030



50.8002, 58.3382, 67.9422

# Square

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



58.9073, 58.3382, 53.5030



51.8307, 58.3382, 54.3003



52.1282, 58.3382, 74.7160



59.2313, 58.3382, 73.7292



# Rectangle

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



58.9073, 58.3382, 53.5030



54.7956, 58.3382, 50.3129



52.1282, 58.3382, 74.7160



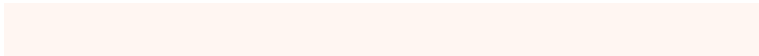
56.1070, 58.3382, 78.8579

# Sweetspot

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



58.9089, 58.3408, 53.5042



90.1867, 93.4500, 97.4857



59.9342, 54.9500, 70.6210



19.1621, 19.8109, 20.5355



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

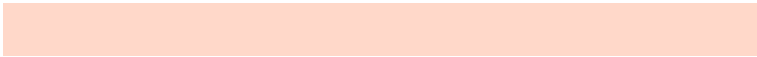


# Same Dimension

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



58.9089, 58.3408, 53.5042



76.4382, 74.7033, 65.9267



63.6084, 67.7399, 55.0707



14.0126, 14.3111, 14.3306



18.9668, 11.3715, 1.1953



1.3884, 0.9357, 0.1074

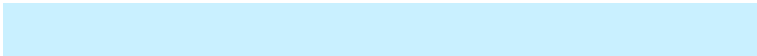


# Inverse Universe

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



57.0155, 63.1591, 79.7074



73.4976, 82.1780, 106.5960



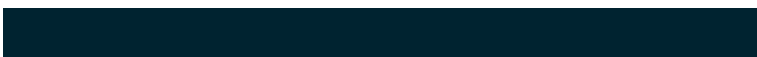
52.3661, 53.8604, 78.1576



13.7811, 14.9013, 17.5376



15.4914, 18.4525, 43.7936



1.1474, 1.4263, 3.0601



# Previews

## White Background



This preview shows how the XYZ color 58.9073, 58.3382, 53.5030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

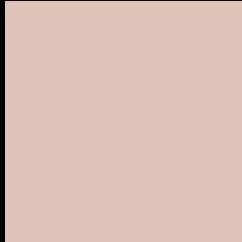
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.9073, 58.3382, 53.5030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

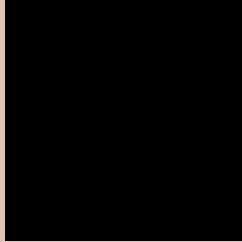
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.9073, 58.3382, 53.5030**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.9073, 58.3382, 53.5030.



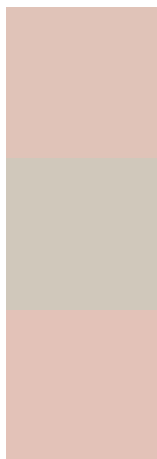
This preview shows how white text looks on a background with the XYZ color 58.9073, 58.3382,



# 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

58.9073, 58.3382, 53.5030

### Protanopia

55.6363, 58.3063, 55.3356

### Deuteranopia

59.6221, 58.3752, 53.4725



## Tritanopia

61.7907, 58.5352, 67.0732

# Trichromacy



## Original Color

58.9073, 58.3382, 53.5030

## Protanomaly

56.7886, 58.2295, 54.7007

## Deuteranomaly

59.3075, 58.2130, 53.4578

## Tritanomaly

60.7428, 58.4322, 62.1099

# Monochromacy



## Original Color

58.9073, 58.3382, 53.5030

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

56.8521, 58.4886, 59.9228

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.9073, 58.3382, 53.5030 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(224, 195, 184)` looks like.

```
.text, #text, p{  
    color:rgb(224, 195, 184)  
}
```

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(224, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 58.9073, 58.3382, 53.5030 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(224, 195, 184) }
```



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

```
.border{ border-color:rgb(224, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(224, 195,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.9073, 58.3382, 53.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 184) }
```

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

```
.background{ background-color: rgb(224,  
195, 184) }
```

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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