

# Converting Colors

XYZ(58.3576, 52.8515, 35.1241)

Have a look what the booklet for  
XYZ(58.3576, 52.8515, 35.1241)  
contains.

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# Color

**XYZ(58.3757, 52.8155,  
35.1347)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4B194
RGB	244, 177, 148
RGB Percent	96%, 69%, 58%
CMY	0.0431, 0.3059, 0.4196
CMYK	0.00, 0.27, 0.39, 0.04
HSL	18°, 81%, 77%
HSV	18°, 39%, 96%
XYZ	58.3757, 52.8155, 35.1347
YIQ	193.7270, 49.2410, 5.1850

# Conversions

## Conversions Part 2

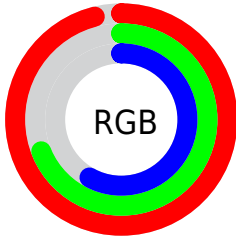
Format	Color
<a href="#">RYB</a>	<a href="#">244, 190, 148</a>
Decimal	<a href="#">16036244</a>
CIELab	<a href="#">77.77, 20.85, 24.49</a>
CIELCh	<a href="#">78, 32.159, 49.587</a>
Yxy	<a href="#">52.8155, 0.3989, 0.3609</a>
Android (android.graphics.Color)	<a href="#">4294226324 (0xFFFF4B194)</a>
YUV	<a href="#">193.7270, -22.5434, 44.0894</a>
Hunter-Lab	<a href="#">72.6743, 16.2004, 22.2080</a>

# Details

The XYZ color **58.3757, 52.8155, 35.1347** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8414, 61.4262, 94.6594**, and the grayscale version is **51.2266, 53.8944, 58.6910**.

A 20% lighter version of the original color is **81.0396, 83.8021, 67.7813**, and **29.6150, 25.7175, 14.7123** is the 20% darker color. If you saturate the color by 10%, you get **53.4882, 45.8124, 24.9605**, and if you desaturate by 10%, it is **64.0927, 60.8259, 47.5948**.

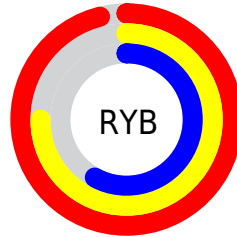
# Distribution



Red (96%)

Green (69%)

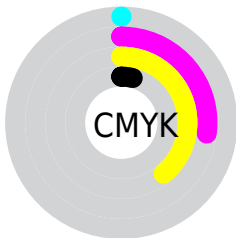
Blue (58%)



Red (96%)

Yellow (75%)

Blue (58%)

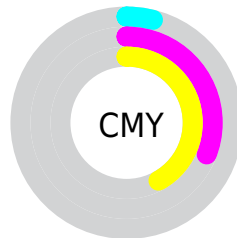


Cyan (0%)

Magenta (27%)

Yellow (39%)

Black (4%)



Cyan (4%)

Magenta (31%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3757, 52.8155, 35.1347 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 58.3757, 52.8155, 35.1347 by changing the saturation by 10% instead.




 58.3757, 52.8155,  
35.1347


 58.3757, 52.8155,  
35.1347


408.5158,  
397.5769, 340.0848

 42.3552, 37.6555,  
23.4823


 101.5896, 94.3328,  
68.8483

 29.5718, 25.7154,  
14.7414


 129.5137,  
121.4589, 91.7466

 19.6603, 16.6109,  
8.4935


162.1364,  
153.3426, 119.2306

 12.2552, 9.9574,  
4.3200

199.8229,  
190.3681, 151.7188

 6.9911, 5.3707,  
1.8025

242.9388,  
232.9198, 189.6298

 3.5028, 2.4664,  
0.4296

291.8494,

 1.4249, 0.8597,

281.3823, 233.3821

0.0000

346.9199,  
336.1399, 283.3942

■ 0.2739, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.3757, 52.8155,  
35.1347

■ 58.3757, 52.8155,  
35.1347

■ 53.4882, 45.8124,  
24.9605

■ 64.0927, 60.8259,  
47.5948

■ 49.3851, 39.7679,  
16.9281

■ 70.6732, 69.8746,  
62.4665

■ 46.0224, 34.6403,  
10.8817

■ 78.1544, 80.0006,  
79.8700

■ 43.3501, 30.3817,  
6.6427

■ 86.5697, 91.2386,  
99.9166

■ 41.3103, 26.9390,  
3.9998

■ 91.1182, 97.9731,  
108.7160

■ 39.8222, 24.2470,  
2.6273

■ 39.7385, 24.0935,  
2.5561

# Harmonies

## Analogous

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



62.3568, 52.8155, 46.7520



58.3757, 52.8155, 35.1347



52.3966, 52.8155, 29.9266

# Triad

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



58.3757, 52.8155, 35.1347



39.3120, 52.8155, 51.5248



54.3250, 52.8155, 96.2782

# Complementary

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



58.3757, 52.8155, 35.1347



52.8414, 61.4262, 94.6594

# 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.



48.0648, 52.8155, 98.2955



58.3757, 52.8155, 35.1347



39.7350, 52.8155, 69.7967

# Square

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



58.3757, 52.8155, 35.1347



41.6172, 52.8155, 38.0045



42.8249, 52.8155, 87.7950



59.8874, 52.8155, 82.7481



# Rectangle

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



58.3757, 52.8155, 35.1347



48.2300, 52.8155, 29.8711



42.8249, 52.8155, 87.7950



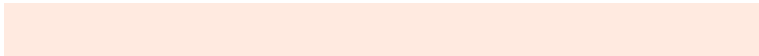
52.2220, 52.8155, 98.4182

# Sweetspot

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



58.3770, 52.8180, 35.1357



84.0708, 85.3075, 82.8407



60.1899, 45.3300, 70.0024



17.7582, 17.9400, 17.1789



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.



58.3770, 52.8180, 35.1357



60.2550, 52.2759, 29.8916



69.5249, 75.1138, 38.8517



16.9073, 17.2988, 17.2454



21.7121, 13.3098, 1.4247



1.9948, 1.3427, 0.1540

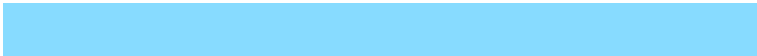


# Inverse Universe

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



52.8414, 61.4262, 94.6594



53.3423, 62.9363, 103.9442



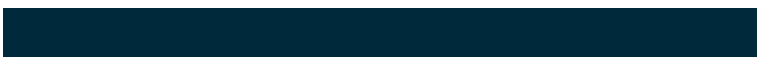
42.3978, 40.5390, 91.1782



16.5494, 17.8631, 21.1182



16.8492, 19.4921, 49.4123



1.5709, 1.8932, 4.3729



# Previews

## White Background



This preview shows how the XYZ color 58.3757, 52.8155, 35.1347 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 58.3757, 52.8155, 35.1347 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

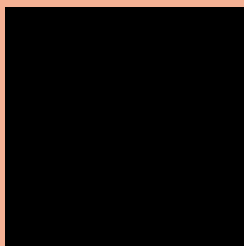
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.3757, 52.8155, 35.1347**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.3757, 52.8155, 35.1347.



This preview shows how white text looks on a background with the XYZ color 58.3757, 52.8155,



# 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

58.3757, 52.8155, 35.1347

### Protanopia

49.6679, 52.9032, 38.6039

### Deuteranopia

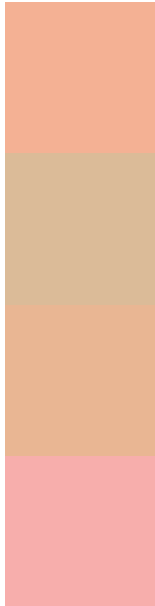
53.9795, 52.9733, 34.9836



## Tritanopia

62.2209, 52.9643, 52.8427

# Trichromacy



**Original Color**

58.3757, 52.8155, 35.1347

**Protanomaly**

52.6512, 52.8677, 37.1352

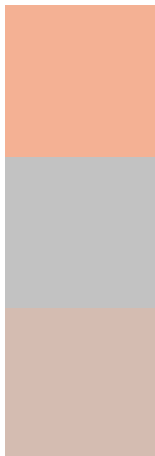
**Deuteranomaly**

55.5987, 52.8861, 34.8814

**Tritanomaly**

60.9402, 53.0248, 46.0526

# Monochromacy



**Original Color**

58.3757, 52.8155, 35.1347

**Achromatopsia**

51.2775, 53.9479, 58.7493

**Achromatomaly**

53.0704, 53.1378, 49.0545

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.3757, 52.8155, 35.1347 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(244, 177, 148)` looks like.

```
.text, #text, p{  
    color:rgb(244, 177, 148)  
}
```

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(244, 177, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 177, 148) }
```

## Border

The CSS property to change the border of an element to XYZ 58.3757, 52.8155, 35.1347 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(244, 177, 148) }
```



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

```
.border{ border-color:rgb(244, 177, 148) }
```

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

Here you see how a box with a 4 pixel rgb(244, 177, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 177, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 177, 148);  
box-shadow:4px 4px 4px 4px rgb(244, 177,  
148) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.3757, 52.8155, 35.1347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 177, 148) }
```

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

```
.background{ background-color: rgb(244,  
177, 148) }
```

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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