

Converting Colors

XYZ(57.6136, 53.0781, 37.3434)

Have a look what the booklet for
XYZ(57.6136, 53.0781, 37.3434)
contains.

XYZ(57.4665, 52.8908, 37.3171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.4665, 52.8908,
37.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB399
RGB	239, 179, 153
RGB Percent	94%, 70%, 60%
CMY	0.0627, 0.2980, 0.4000
CMYK	0.00, 0.25, 0.36, 0.06
HSL	18°, 73%, 77%
HSV	18°, 36%, 94%
XYZ	57.4665, 52.8908, 37.3171
YIQ	193.9760, 44.1060, 4.6340

Conversions

Conversions Part 2

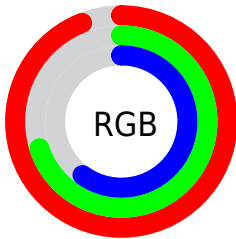
Format	Color
R _Y B	239, 190, 153
Decimal	15709081
CIE Lab	77.81, 18.44, 21.78
CIE LCh	78, 28.536, 49.749
Yxy	52.8908, 0.3891, 0.3582
Android (android.graphics.Color)	4293899161 (0xFFEFB399)
YUV	193.9760, -20.2012, 39.4860
Hunter-Lab	72.7261, 13.7761, 20.4854

Details

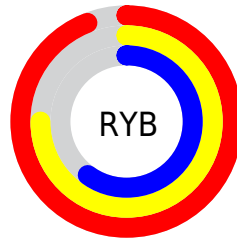
The XYZ color **57.4665, 52.8908, 37.3171** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.5103, 60.5908, 90.5891**, and the grayscale version is **51.3626, 54.0375, 58.8468**.

A 20% lighter version of the original color is **82.2108, 85.1817, 71.1402**, and **28.9152, 25.7048, 16.0079** is the 20% darker color. If you saturate the color by 10%, you get **52.5449, 45.8965, 26.8937**, and if you desaturate by 10%, it is **63.1903, 60.8564, 49.9595**.

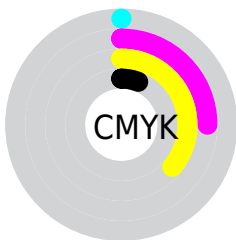
Distribution



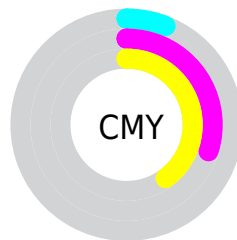
- Red (94%)
- Green (70%)
- Blue (60%)



- Red (94%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (6%)





- Cyan (6%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4665, 52.8908, 37.3171 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 57.4665, 52.8908, 37.3171 by changing the saturation by 10% instead.

 57.4665, 52.8908,
37.3171


 57.4665, 52.8908,
37.3171


405.1810,
397.8660, 349.8913

 41.6215, 37.7156,
25.1554


 100.2730, 94.4437,
72.2520

 28.9948, 25.7620,
15.9728


 127.9652,
121.5901, 95.8622

 19.2212, 16.6457,
9.3508

160.3371,
153.4958, 124.1258

 11.9352, 9.9822,
4.8707

197.7542,
190.5450, 157.4611

 6.7714, 5.3872,
2.1142

240.5818,
233.1223, 196.2868

 3.3646, 2.4762,
0.6242

289.1852,

 1.3494, 0.8647,

281.6120, 241.0213

0.0000

343.9299,
336.3984, 292.0833

■ 0.2197, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4665, 52.8908,
37.3171

■ 57.4665, 52.8908,
37.3171

■ 52.5449, 45.8965,
26.8937

■ 63.1903, 60.8564,
49.9595

■ 48.3834, 39.8279,
18.5564

■ 69.7476, 69.8217,
64.9368

■ 44.9417, 34.6464,
12.1627

■ 77.1729, 79.8233,
82.3608

■ 42.1741, 30.3079,
7.5508

■ 85.4975, 90.8936,
102.3350

■ 40.0284, 26.7637,
4.5321

■ 89.4067, 97.0908,
108.6359

■ 38.4429, 23.9591,
2.8741

■ 37.9315, 23.0204,
2.4442

Harmonies

Analogous

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



60.9684, 52.8908, 47.8913



57.4665, 52.8908, 37.3171



52.1891, 52.8908, 32.5004

Triad

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



57.4665, 52.8908, 37.3171



40.5083, 52.8908, 52.3330



53.9539, 52.8908, 91.3052

Complementary

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



57.4665, 52.8908, 37.3171



52.5103, 60.5908, 90.5891

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.



48.4007, 52.8908, 93.0928



57.4665, 52.8908, 37.3171



40.9045, 52.8908, 68.5149

Square

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



57.4665, 52.8908, 37.3171



42.5777, 52.8908, 40.0537



43.7029, 52.8908, 84.1263



58.8396, 52.8908, 79.6149

Rectangle

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



57.4665, 52.8908, 37.3171



48.4904, 52.8908, 32.4687



43.7029, 52.8908, 84.1263



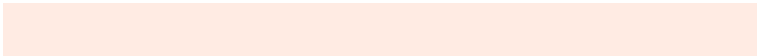
52.0949, 52.8908, 93.1568

Sweetspot

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



57.4679, 52.8933, 37.3182



84.9303, 86.4675, 84.8505



59.0239, 45.9480, 68.8423



17.9303, 18.1728, 17.5800



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.



57.4679, 52.8933, 37.3182



62.3992, 55.3578, 34.3261



67.4149, 72.7873, 40.6338



16.1625, 16.5381, 16.4900



21.0624, 12.9228, 1.3842



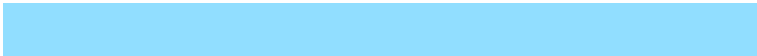
1.8364, 1.2434, 0.1432

Inverse Universe

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



52.5103, 60.5908, 90.5891



55.8686, 65.4312, 104.2926



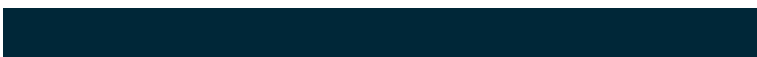
43.1296, 41.8294, 87.4622



15.8205, 17.0751, 20.1836



16.3398, 18.9038, 47.9155



1.4463, 1.7465, 4.0151

Previews

White Background



This preview shows how the XYZ color 57.4665, 52.8908, 37.3171 looks on a white background.

Color Contrast Check

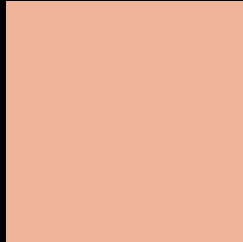
Large Text (above 18pt) WCAG AA × Fail

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 57.4665, 52.8908, 37.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

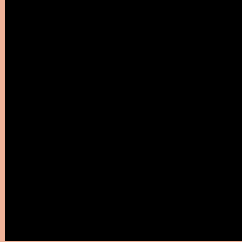
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4665, 52.8908, 37.3171

Background



This preview shows how black text looks on a background with the XYZ color 57.4665, 52.8908, 37.3171.



This preview shows how white text looks on a background with the XYZ color 57.4665, 52.8908,

37.3171.

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

57.4665, 52.8908, 37.3171

Protanopia

50.0095, 53.0398, 40.4028

Deuteranopia

54.0678, 52.9725, 37.0808



Tritanopia

60.7236, 52.7372, 53.9925

Trichromacy



Original Color

57.4665, 52.8908, 37.3171

Protanomaly

52.4714, 52.7267, 39.3100

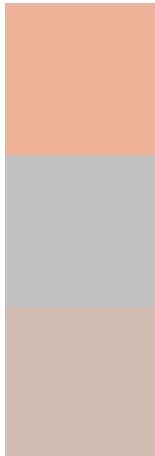
Deuteranomaly

55.2341, 52.9570, 37.0163

Tritanomaly

59.5388, 52.8466, 47.6198

Monochromacy



Original Color

57.4665, 52.8908, 37.3171

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.9126, 53.3515, 50.1569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4665, 52.8908, 37.3171 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(239, 179, 153)` looks like.

```
.text, #text, p{  
    color:rgb(239, 179, 153)  
}
```

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(239, 179, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 179, 153) }
```

Border

The CSS property to change the border of an element to XYZ 57.4665, 52.8908, 37.3171 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(239, 179, 153) }
```


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

```
.border{ border-color:rgb(239, 179, 153) }
```

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

Here you see how a box with a 4 pixel rgb(239, 179, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 179, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 179, 153);  
box-shadow:4px 4px 4px 4px rgb(239, 179,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4665, 52.8908, 37.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 179, 153) }
```

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

```
.background{ background-color: rgb(239,  
179, 153) }
```

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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