

Converting Colors

XYZ(58.5792, 57.3333, 38.4875)

Have a look what the booklet for
XYZ(58.5792, 57.3333, 38.4875)
contains.

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Color

**XYZ(58.3952, 57.0871,
38.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	EABF9A
RGB	234, 191, 154
RGB Percent	92%, 75%, 60%
CMY	0.0824, 0.2510, 0.3961
CMYK	0.00, 0.18, 0.34, 0.08
HSL	28°, 66%, 76%
HSV	28°, 34%, 92%
XYZ	58.3952, 57.0871, 38.5130
YIQ	199.6390, 37.5050, -2.3910

Conversions

Conversions Part 2

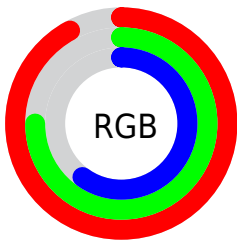
Format	Color
R _Y B	234, 223, 154
Decimal	15384474
CIE Lab	80.23, 10.28, 24.47
CIE LCh	80, 26.541, 67.209
Yxy	57.0871, 0.3792, 0.3707
Android (android.graphics.Color)	4293574554 (0xFFEABF9A)
YUV	199.6390, -22.5000, 30.1346
Hunter-Lab	75.5560, 5.7348, 22.6674

Details

The XYZ color **58.3952, 57.0871, 38.5130** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1433, 52.7413, 85.4846**, and the grayscale version is **54.7967, 57.6504, 62.7813**.

A 20% lighter version of the original color is **86.0094, 92.3850, 73.6205**, and **29.6681, 28.5033, 16.7700** is the 20% darker color. If you saturate the color by 10%, you get **54.0075, 51.1325, 28.3545**, and if you desaturate by 10%, it is **63.4013, 63.6701, 50.7531**.

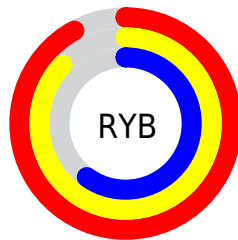
Distribution



Red (92%)

Green (75%)

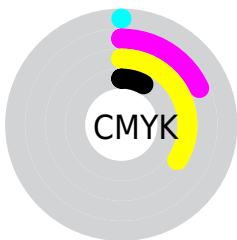
Blue (60%)



Red (92%)

Yellow (87%)

Blue (60%)

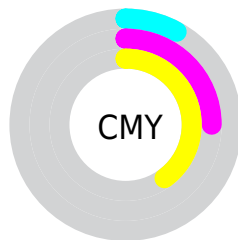


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (8%)



Cyan (8%)

Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3952, 57.0871, 38.5130 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 58.3952, 57.0871, 38.5130 by changing the saturation by 10% instead.

58.3952, 57.0871,
38.5130

58.3952, 57.0871,
38.5130

408.5871,
413.7756, 355.1795

42.3709, 41.0752,
26.0762

101.6178,
100.5923, 74.1059

29.5842, 28.3778,
16.6544

129.5469,
128.8543, 98.0990

19.6697, 18.6107,
9.8290

162.1749,
161.9685, 126.7813

12.2621, 11.3893,
5.1816

199.8672,
200.3192, 160.5713

6.9959, 6.3293,
2.2936

242.9893,
244.2909, 199.8876

3.5058, 3.0463,
0.7276

291.9064,

1.4266, 1.1560,

294.2679, 245.1487

0.0000

346.9839,
350.6347, 296.7731

■ 0.2750, 0.0253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3952, 57.0871,
38.5130

■ 58.3952, 57.0871,
38.5130

■ 54.0075, 51.1325,
28.3545

■ 63.4013, 63.6701,
50.7531

■ 50.2058, 45.7775,
20.1554

■ 69.0474, 70.8929,
65.1806

■ 46.9609, 41.0029,
13.7861

■ 75.3594, 78.7767,
81.8981

■ 44.2389, 36.7849,
9.0994

■ 82.3604, 87.3394,
101.0006

■ 42.0012, 33.0972,
5.9251

■ 87.3874, 95.5238,
108.4399

■ 40.2019, 29.9103,
4.0558

■ 87.7417, 96.2324,
108.5580

■ 39.3196, 28.2682,
3.3839

Harmonies

Analogous

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



62.9852, 57.0871, 45.8074



58.3952, 57.0871, 38.5130



52.9629, 57.0871, 37.0117

Triad

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



58.3952, 57.0871, 38.5130



44.5680, 57.0871, 65.9775



60.8054, 57.0871, 89.0717

Complementary

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



58.3952, 57.0871, 38.5130



48.1433, 52.7413, 85.4846

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.



55.5773, 57.0871, 96.6985



58.3952, 57.0871, 38.5130



46.3795, 57.0871, 81.9992

Square

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



58.3952, 57.0871, 38.5130



45.2121, 57.0871, 51.3041



50.3240, 57.0871, 93.9154



64.4400, 57.0871, 74.4443

Rectangle

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



58.3952, 57.0871, 38.5130



49.6349, 57.0871, 39.2238



50.3240, 57.0871, 93.9154



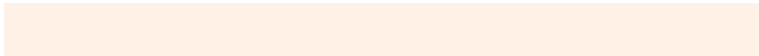
59.1630, 57.0871, 92.6412

Sweetspot

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



58.3967, 57.0898, 38.5142



86.9956, 90.0307, 87.2878



55.6807, 44.6814, 59.1162



18.3927, 18.9846, 18.0827



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.



58.3967, 57.0898, 38.5142



67.1613, 64.2364, 37.9036



68.0614, 76.4193, 41.7357



15.6397, 16.2024, 15.8218



22.2185, 16.1312, 1.9426



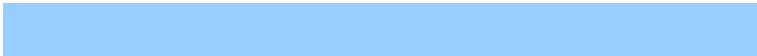
1.8400, 1.4574, 0.1843

Inverse Universe

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



48.1433, 52.7413, 85.4846



52.9361, 58.1978, 103.0510



40.4052, 37.2650, 82.9052



14.9017, 15.8899, 19.2039



12.6484, 11.9438, 45.3817



1.0893, 1.1301, 3.5956

Previews

White Background



This preview shows how the XYZ color 58.3952, 57.0871, 38.5130 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 58.3952, 57.0871, 38.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

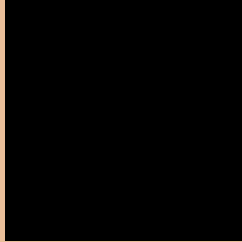
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3952, 57.0871, 38.5130

Background



This preview shows how black text looks on a background with the XYZ color 58.3952, 57.0871, 38.5130.



This preview shows how white text looks on a background with the XYZ color 58.3952, 57.0871,

38.5130.

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

58.3952, 57.0871, 38.5130

Protanopia

53.7464, 57.3125, 40.5774

Deuteranopia

58.3952, 57.0871, 38.5130



Tritanopia

63.2544, 57.1722, 61.7343

Trichromacy



Original Color

58.3952, 57.0871, 38.5130

Protanomaly

55.3409, 57.1298, 40.0087

Deuteranomaly

58.3952, 57.0871, 38.5130

Tritanomaly

61.2426, 56.9641, 52.5671

Monochromacy



Original Color

58.3952, 57.0871, 38.5130

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6649, 57.3485, 52.9352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3952, 57.0871, 38.5130 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(234, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(234, 191, 154)  
}
```

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(234, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 191, 154) }
```

Border

The CSS property to change the border of an element to XYZ 58.3952, 57.0871, 38.5130 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(234, 191, 154) }
```


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

```
.border{ border-color:rgb(234, 191, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 191, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(234, 191,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3952, 57.0871, 38.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 191, 154) }
```

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

```
.background{ background-color: rgb(234,  
191, 154) }
```

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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