

Converting Colors

XYZ(61.4340, 58.6461, 38.6759)

Have a look what the booklet for
XYZ(61.4340, 58.6461, 38.6759)
contains.

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Color

**XYZ(61.4257, 58.6494,
38.6548)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BF9A
RGB	243, 191, 154
RGB Percent	95%, 75%, 60%
CMY	0.0471, 0.2510, 0.3961
CMYK	0.00, 0.21, 0.37, 0.05
HSL	25°, 79%, 78%
HSV	25°, 37%, 95%
XYZ	61.4257, 58.6494, 38.6548
YIQ	202.3300, 42.8690, -0.4830

Conversions

Conversions Part 2

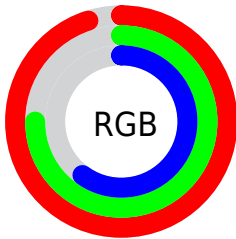
Format	Color
R _Y B	243, 217, 154
Decimal	15974298
CIE Lab	81.10, 13.76, 25.80
CIE LCh	81, 29.236, 61.922
Yxy	58.6494, 0.3870, 0.3695
Android (android.graphics.Color)	4294164378 (0xFFFF3BF9A)
YUV	202.3300, -23.8267, 35.6676
Hunter-Lab	76.5829, 9.1514, 23.6817

Details

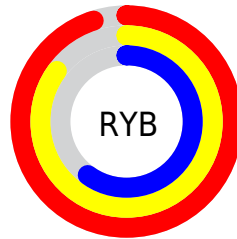
The XYZ color **61.4257, 58.6494, 38.6548** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5746, 57.4817, 93.1709**, and the grayscale version is **56.4719, 59.4128, 64.7005**.

A 20% lighter version of the original color is **86.0094, 92.3850, 73.6205**, and **31.5442, 29.4705, 16.8578** is the 20% darker color. If you saturate the color by 10%, you get **56.6560, 52.0276, 28.0705**, and if you desaturate by 10%, it is **66.9082, 66.0408, 51.4991**.

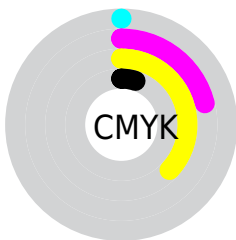
Distribution



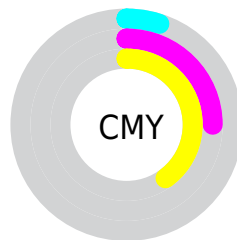
- Red (95%)
- Green (75%)
- Blue (60%)



- Red (95%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (5%)




- Cyan (5%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4257, 58.6494, 38.6548 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 61.4257, 58.6494, 38.6548 by changing the saturation by 10% instead.


 61.4257, 58.6494,
38.6548

 61.4257, 58.6494,
38.6548


419.5842,
419.6014, 355.8027

 44.8227, 42.3310,
26.1855


 105.9897,
102.8679, 74.3252

 31.5184, 29.3605,
16.7355


 134.6814,
131.5368, 98.3634

 21.1477, 19.3537,
9.8861


168.1333,
165.0913, 127.0950

 13.3451, 11.9261,
5.2189

206.7108,
203.9157, 160.9385

 7.7452, 6.6934,
2.3153

250.7793,
248.3946, 200.3125

 3.9828, 3.2711,
0.7398

300.7041,

 1.6924, 1.2749,

298.9122, 245.6355

0.0000

356.8506,
355.8530, 297.3260

■ 0.4515, 0.1216,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4257, 58.6494,
38.6548

■ 61.4257, 58.6494,
38.6548

■ 56.6560, 52.0276,
28.0705

■ 66.9082, 66.0408,
51.4991

■ 52.5614, 46.1403,
19.6088

■ 73.1299, 74.2189,
66.7226

■ 49.1067, 40.9613,
13.1227

■ 80.1214, 83.2107,
84.4403

■ 46.2514, 36.4595,
8.4447

■ 87.9099, 93.0391,
104.7585

■ 43.9492, 32.6006,
5.3787

■ 90.7722, 97.7947,
108.6998

■ 42.1435, 29.3454,
3.6785

■ 41.6194, 28.3692,
3.2822

Harmonies

Analogous

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



66.2594, 58.6494, 47.7517



61.4257, 58.6494, 38.6548



55.3536, 58.6494, 35.9179

Triad

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



61.4257, 58.6494, 38.6548



44.8651, 58.6494, 64.9881



62.1526, 58.6494, 96.6735

Complementary

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



61.4257, 58.6494, 38.6548



51.5746, 57.4817, 93.1709

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.



56.1373, 58.6494, 103.4731



61.4257, 58.6494, 38.6548



46.4053, 58.6494, 83.2340

Square

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



61.4257, 58.6494, 38.6548



46.0594, 58.6494, 49.3710



50.4249, 58.6494, 98.1606



66.7001, 58.6494, 80.9362

Rectangle

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



61.4257, 58.6494, 38.6548



51.4957, 58.6494, 37.5785



50.4249, 58.6494, 98.1606



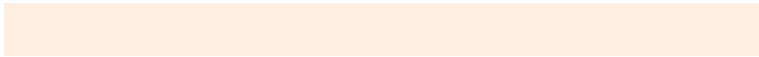
60.2207, 58.6494, 100.1968

Sweetspot

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



61.4272, 58.6522, 38.6560



85.8515, 88.3099, 85.1575



59.8296, 46.6910, 65.1475



18.1490, 18.6103, 17.6529



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.



61.4272, 58.6522, 38.6560



64.4777, 59.8269, 34.0566



72.2464, 80.2906, 42.2624



17.0652, 17.6145, 17.2981



22.9681, 15.8217, 1.8433



2.1176, 1.5884, 0.1950

Inverse Universe

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



51.5746, 57.4817, 93.1709



51.9840, 58.3236, 103.1255



42.5841, 39.5006, 90.1740



16.3856, 17.5355, 21.0636



14.3210, 14.4357, 48.5696



1.3600, 1.4714, 4.3026

Previews

White Background



This preview shows how the XYZ color 61.4257, 58.6494, 38.6548 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 61.4257, 58.6494, 38.6548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

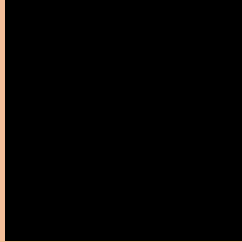
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4257, 58.6494, 38.6548

Background



This preview shows how black text looks on a background with the XYZ color 61.4257, 58.6494, 38.6548.



This preview shows how white text looks on a background with the XYZ color 61.4257, 58.6494,

38.6548.

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

61.4257, 58.6494, 38.6548

Protanopia

55.1690, 58.7236, 41.2280

Deuteranopia

59.8278, 58.4775, 38.7059



Tritanopia

66.3692, 58.7779, 61.8801

Trichromacy



Original Color

61.4257, 58.6494, 38.6548

Protanomaly

57.1034, 58.3744, 40.1560

Deuteranomaly

60.2790, 58.3831, 38.6639

Tritanomaly

64.3236, 58.5524, 52.7113

Monochromacy



Original Color

61.4257, 58.6494, 38.6548

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5663, 58.6427, 54.1840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4257, 58.6494, 38.6548 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(243, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 191, 154) }
```

Border

The CSS property to change the border of an element to XYZ 61.4257, 58.6494, 38.6548 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(243, 191, 154) }
```


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

```
.border{ border-color:rgb(243, 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(243, 191, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(243, 191,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4257, 58.6494, 38.6548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 191, 154) }
```

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

```
.background{ background-color: rgb(243,  
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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