

Converting Colors

XYZ(60.6798, 54.2083, 37.7039)

Have a look what the booklet for
XYZ(60.6798, 54.2083, 37.7039)
contains.

XYZ(60.8201, 54.3136, 37.8499)	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(60.8201, 54.3136,
37.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B29A
RGB	249, 178, 154
RGB Percent	98%, 70%, 60%
CMY	0.0235, 0.3019, 0.3961
CMYK	0.00, 0.29, 0.38, 0.02
HSL	15°, 89%, 79%
HSV	15°, 38%, 98%
XYZ	60.8201, 54.3136, 37.8499
YIQ	196.4930, 50.0200, 7.5880

Conversions

Conversions Part 2

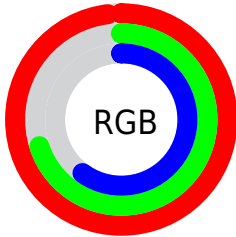
Format	Color
R _Y B	249, 186, 154
Decimal	16364186
CIE Lab	78.64, 22.91, 22.55
CIE LCh	79, 32.152, 44.546
Yxy	54.3136, 0.3976, 0.3550
Android (android.graphics.Color)	4294554266 (0xFFFF9B29A)
YUV	196.4930, -20.9490, 46.0486
Hunter-Lab	73.6978, 18.3385, 21.1381

Details

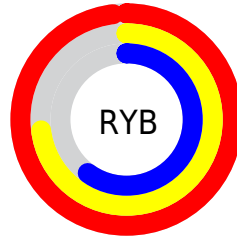
The XYZ color **60.8201, 54.3136, 37.8499** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.3496, 67.5577, 99.6400**, and the grayscale version is **52.8676, 55.6209, 60.5711**.

A 20% lighter version of the original color is **82.0480, 84.6597, 71.6911**, and **31.2677, 26.7229, 16.3420** is the 20% darker color. If you saturate the color by 10%, you get **55.5029, 46.6609, 26.8854**, and if you desaturate by 10%, it is **67.0725, 63.1481, 51.2494**.

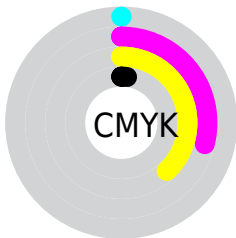
Distribution



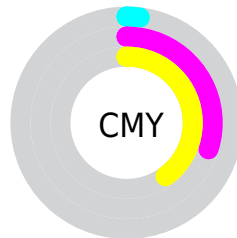
- Red (98%)
- Green (70%)
- Blue (60%)



- Red (98%)
- Yellow (73%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8201, 54.3136, 37.8499 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 60.8201, 54.3136, 37.8499 by changing the saturation by 10% instead.


 60.8201, 54.3136,
37.8499


 60.8201, 54.3136,
37.8499


417.4005,
403.3047, 352.2545

 44.3320, 38.8524,
25.5653


 105.1180, 96.5345,
73.0789

 31.1306, 26.6450,
16.2759


 133.6585,
124.0631, 96.8603

 20.8506, 17.3068,
9.5631

166.9472,
156.3829, 125.3111

 13.1267, 10.4534,
5.0085

205.3494,
193.8784, 158.8499

 7.5935, 5.7006,
2.1934

249.2304,
236.9339, 197.8950

 3.8855, 2.6639,
0.6706

298.9558,

 1.6376, 0.9589,

285.9339, 242.8651

0.0000

354.8907,
341.2627, 294.1788

■ 0.4167, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8201, 54.3136,
37.8499

■ 60.8201, 54.3136,
37.8499

■ 55.5029, 46.6609,
26.8854

■ 67.0725, 63.1481,
51.2494

■ 51.0699, 40.1312,
18.2049

■ 74.2994, 73.2042,
67.2159

■ 47.4711, 34.6724,
11.6453

■ 82.5429, 84.5296,
85.8759

■ 44.6498, 30.2249,
7.0204

■ 91.8410, 97.1668,
107.3463

■ 42.5408, 26.7226,
4.1110

■ 92.8770, 98.8798,
108.7983

■ 41.0613, 24.0882,
2.6174

■ 40.8400, 23.6858,
2.4193

Harmonies

Analogous

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



64.3622, 54.3136, 50.7859



60.8201, 54.3136, 37.8499



54.9446, 54.3136, 31.4391

Triad

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



60.8201, 54.3136, 37.8499



40.7300, 54.3136, 50.3042



54.7502, 54.3136, 99.8376

Complementary

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



60.8201, 54.3136, 37.8499



57.3496, 67.5577, 99.6400

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.



48.4389, 54.3136, 99.6346



60.8201, 54.3136, 37.8499



40.6873, 54.3136, 68.3597

Square

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



60.8201, 54.3136, 37.8499



43.5259, 54.3136, 37.5599



43.4040, 54.3136, 87.2051



60.6677, 54.3136, 87.7134

Rectangle

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



60.8201, 54.3136, 37.8499



50.6620, 54.3136, 30.6879



43.4040, 54.3136, 87.2051



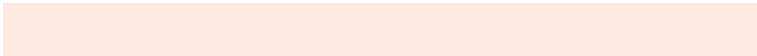
52.5970, 54.3136, 101.2773

Sweetspot

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



60.8215, 54.3162, 37.8510



84.5318, 85.6705, 84.7176



64.2477, 48.7014, 77.4276



17.8358, 17.9839, 17.5485



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.



60.8215, 54.3162, 37.8510



59.6868, 50.8485, 30.5999



71.8928, 76.4589, 41.5414



17.6010, 17.9378, 17.9971



21.9559, 12.8684, 1.3267



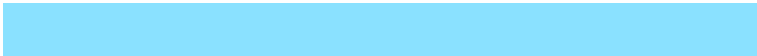
2.1143, 1.3534, 0.1498

Inverse Universe

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



57.3496, 67.5577, 99.6400



55.5043, 66.6430, 104.5457



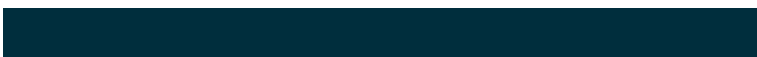
46.2966, 45.4516, 95.9556



17.3727, 18.8223, 22.1027



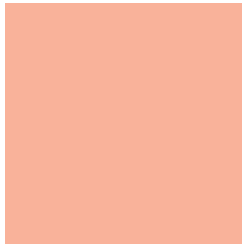
18.6803, 22.7163, 51.3737



1.8144, 2.2725, 4.7862

Previews

White Background



This preview shows how the XYZ color 60.8201, 54.3136, 37.8499 looks on a white background.

Color Contrast Check

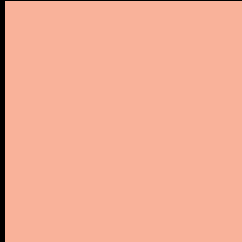
Large Text (above 18pt) WCAG AA × Fail

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 60.8201, 54.3136, 37.8499 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 60.8201, 54.3136, 37.8499

Background



This preview shows how black text looks on a background with the XYZ color 60.8201, 54.3136, 37.8499.



This preview shows how white text looks on a background with the XYZ color 60.8201, 54.3136,

37.8499.

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

60.8201, 54.3136, 37.8499

Protanopia

51.4903, 54.7607, 42.0385

Deuteranopia

55.4327, 54.3016, 37.2654



Tritanopia

64.0581, 54.1704, 54.0934

Trichromacy



Original Color

60.8201, 54.3136, 37.8499

Protanomaly

54.5798, 54.4280, 40.4299

Deuteranomaly

57.4823, 54.4138, 37.6102

Tritanomaly

62.8515, 54.2643, 47.7189

Monochromacy



Original Color

60.8201, 54.3136, 37.8499

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.5624, 54.1785, 51.2978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8201, 54.3136, 37.8499 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(249, 178, 154)` looks like.

```
.text, #text, p{  
    color:rgb(249, 178, 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(249, 178, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 178, 154) }
```

Border

The CSS property to change the border of an element to XYZ 60.8201, 54.3136, 37.8499 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(249, 178, 154) }
```


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

```
.border{ border-color:rgb(249, 178, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 178, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 178, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 178, 154);  
box-shadow:4px 4px 4px 4px rgb(249, 178,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8201, 54.3136, 37.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 178, 154) }
```

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

```
.background{ background-color: rgb(249,  
178, 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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