

Converting Colors

XYZ(37.4118, 38.0559, 30.5852)

Have a look what the booklet for
XYZ(37.4118, 38.0559, 30.5852)
contains.

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Color

**XYZ(37.4334, 38.1848,
30.5967)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A38D
RGB	183, 163, 141
RGB Percent	72%, 64%, 55%
CMY	0.2824, 0.3608, 0.4471
CMYK	0.00, 0.11, 0.23, 0.28
HSL	31°, 23%, 64%
HSV	31°, 23%, 72%
XYZ	37.4334, 38.1848, 30.5967
YIQ	166.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

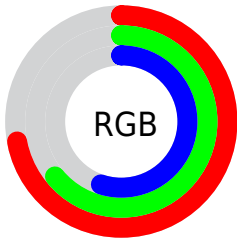
Format	Color
R_{YB}	179, 183, 141
Decimal	12034957
CIE _{Lab}	68.16, 3.76, 14.10
CIE _{LCh}	68, 14.591, 75.073
Yxy	38.1848, 0.3524, 0.3595
Android (android.graphics.Color)	4290225037 (0xFFB7A38D)
YUV	166.4720, -12.5577, 14.4951
Hunter-Lab	61.7939, -0.0077, 13.8988

Details

The XYZ color **37.4334, 38.1848, 30.5967** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2764, 34.5705, 49.7717**, and the grayscale version is **36.5274, 38.4297, 41.8499**.

A 20% lighter version of the original color is **70.5183, 72.4337, 61.8941**, and **16.7787, 16.8700, 12.2694** is the 20% darker color. If you saturate the color by 10%, you get **34.6889, 34.6977, 23.5100**, and if you desaturate by 10%, it is **40.5116, 41.9786, 38.9056**.

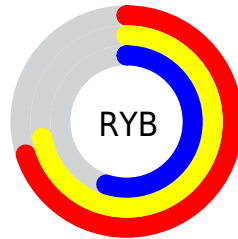
Distribution



Red (72%)

Green (64%)

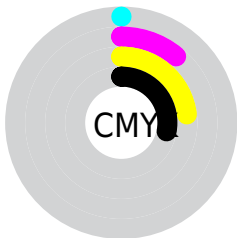
Blue (55%)



Red (70%)

Yellow (72%)

Blue (55%)

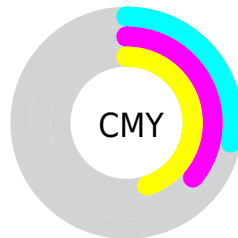


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4334, 38.1848, 30.5967 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 37.4334, 38.1848, 30.5967 by changing the saturation by 10% instead.

■ 37.4334, 38.1848,
30.5967

■ 37.4334, 38.1848,
30.5967

326.5062,
338.4120, 318.9695

■ 25.7184, 26.1261,
20.0361

■ 70.5484, 72.3913,
61.6767

■ 16.7447, 16.9180,
12.2369

■ 92.6791, 95.3079,
83.0331

■ 10.1468, 10.1761,
6.7807

■ 119.0124,
122.6127, 108.8251

■ 5.5594, 5.5159,
3.2490

149.9138,
154.6900, 139.4714

■ 2.6172, 2.5530,
1.2231

185.7485,
191.9241, 175.3905

■ 0.9547, 0.9031,
0.0000

226.8819,

■ 0.0000, 0.0000,

234.6996, 217.0008

0.0000

273.6793,
283.4008, 264.7209

■ 37.4334, 38.1848,
30.5967

■ 37.4334, 38.1848,
30.5967

■ 34.6889, 34.6977,
23.5100

■ 40.5116, 41.9786,
38.9056

■ 32.2619, 31.5033,
17.5841

■ 43.9327, 46.0821,
48.4891

■ 30.1391, 28.5943,
12.7562

■ 47.7095, 50.5050,
59.3996

■ 28.3052, 25.9609,
8.9561

■ 51.8529, 55.2547,
71.6856

■ 26.7431, 23.5923,
6.1057

■ 56.3737, 60.3387,
85.3933

■ 25.4334, 21.4771,
4.1153

■ 61.2818, 65.7638,
100.5666

■ 24.3535, 19.6021,
2.8774

■ 64.2324, 70.5950,
104.8485

■ 23.7000, 18.4101,
2.3044

■ 66.6343, 75.3988,
105.6492

■ 69.1579, 80.4460,
106.4904

Harmonies

Analogous

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



39.4751, 38.1848, 33.3137



37.4334, 38.1848, 30.5967



35.1665, 38.1848, 30.6034

Triad

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



37.4334, 38.1848, 30.5967



32.2267, 38.1848, 44.9244



39.4834, 38.1848, 51.0786

Complementary

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



37.4334, 38.1848, 30.5967



32.2764, 34.5705, 49.7717

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.



37.4443, 38.1848, 54.9021



37.4334, 38.1848, 30.5967



33.2876, 38.1848, 51.1043

Square

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



37.4334, 38.1848, 30.5967



32.2241, 38.1848, 38.4288



35.1770, 38.1848, 54.9120



40.6919, 38.1848, 44.8921

Rectangle

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



37.4334, 38.1848, 30.5967



33.8347, 38.1848, 32.1331



35.1770, 38.1848, 54.9120



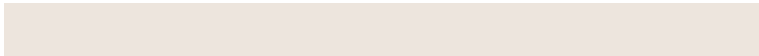
38.8687, 38.1848, 52.7101

Sweetspot

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



37.4344, 38.1865, 30.5975



76.0539, 79.4020, 79.4100



35.5132, 31.7013, 38.1047



16.7170, 17.4405, 17.3120



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.4344, 38.1865, 30.5975



64.2616, 64.8806, 47.5385



41.1039, 45.7721, 31.8683



9.3834, 9.7698, 9.4981



16.6026, 12.9815, 1.6306



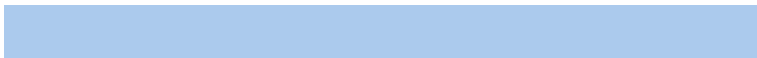
0.6468, 0.5807, 0.0780

Inverse Universe

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



32.2764, 34.5705, 49.7717



53.2533, 57.1640, 88.4627



29.1765, 28.1934, 48.7042



8.8643, 9.4058, 11.4277



8.4153, 7.2903, 32.2167



0.3587, 0.3811, 1.1564

Previews

White Background



This preview shows how the XYZ color 37.4334, 38.1848, 30.5967 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 37.4334, 38.1848, 30.5967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

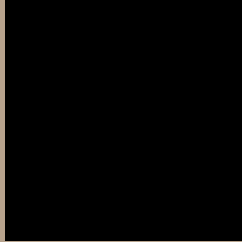
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4334, 38.1848, 30.5967

Background



This preview shows how black text looks on a background with the XYZ color 37.4334, 38.1848, 30.5967.



This preview shows how white text looks on a background with the XYZ color 37.4334, 38.1848,

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

37.4334, 38.1848, 30.5967

Protanopia

36.1979, 38.3394, 31.0836

Deuteranopia

38.9391, 38.1710, 30.9066



Tritanopia

40.2423, 38.3013, 43.8000

Trichromacy



Original Color

37.4334, 38.1848, 30.5967

Protanomaly

36.6977, 38.3282, 31.0551

Deuteranomaly

38.3664, 38.1341, 30.9297

Tritanomaly

39.1657, 38.1188, 38.5511

Monochromacy



Original Color

37.4334, 38.1848, 30.5967

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.5542, 38.1152, 37.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4334, 38.1848, 30.5967 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(183, 163, 141)` looks like.

```
.text, #text, p{  
    color:rgb(183, 163, 141)  
}
```

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(183, 163, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 163, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.4334, 38.1848, 30.5967 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(183, 163, 141) }
```


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

```
.border{ border-color:rgb(183, 163, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 163, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 163, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 163, 141);  
box-shadow:4px 4px 4px 4px rgb(183, 163,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4334, 38.1848, 30.5967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 163, 141) }
```

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

```
.background{ background-color: rgb(183,  
163, 141) }
```

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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