

Converting Colors

XYZ(38.1807, 33.8135, 47.6249)

Have a look what the booklet for
XYZ(38.1807, 33.8135, 47.6249)
contains.

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Color

**XYZ(38.1308, 33.7364,
47.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	B891B4
RGB	184, 145, 180
RGB Percent	72%, 57%, 71%
CMY	0.2784, 0.4314, 0.2941
CMYK	0.00, 0.21, 0.02, 0.28
HSL	306°, 22%, 65%
HSV	306°, 21%, 72%
XYZ	38.1308, 33.7364, 47.6821
YIQ	160.6510, 12.0090, 19.1530

Conversions

Conversions Part 2

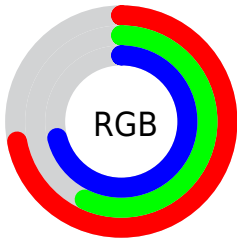
Format	Color
RYB	184, 145, 180
Decimal	12095924
CIELab	64.75, 20.69, -12.65
CIELCh	65, 24.252, 328.563
Yxy	33.7364, 0.3190, 0.2822
Android (android.graphics.Color)	4290286004 (0xFFB891B4)
YUV	160.6510, 9.5391, 20.4771
Hunter-Lab	58.0830, 15.5377, -8.0148

Details

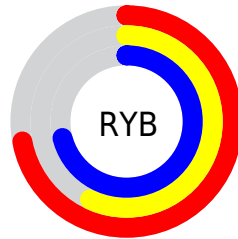
The XYZ color **38.1308, 33.7364, 47.6821** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.2437, 42.4717, 34.8287**, and the grayscale version is **33.6685, 35.4219, 38.5745**.

A 20% lighter version of the original color is **71.4989, 65.4282, 88.2174**, and **17.1935, 14.3630, 21.9448** is the 20% darker color. If you saturate the color by 10%, you get **35.3531, 28.4861, 45.8143**, and if you desaturate by 10%, it is **41.3685, 39.9015, 49.7169**.

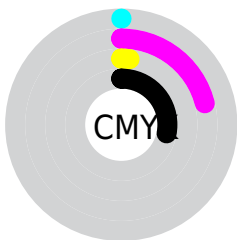
Distribution



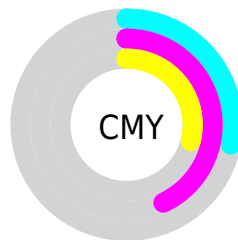
- Red (72%)
- Green (57%)
- Blue (71%)



- Red (72%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1308, 33.7364, 47.6821 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 38.1308, 33.7364, 47.6821 by changing the saturation by 10% instead.

■ 38.1308, 33.7364,
47.6821

■ 38.1308, 33.7364,
47.6821

329.4519,
318.9551, 394.0030

■ 26.2619, 22.6912,
33.2170

■ 71.6112, 65.5235,
88.0915

■ 17.1534, 14.3656,
22.0203

■ 93.9534, 87.0342,
114.8729

■ 10.4399, 8.3754,
13.6733

120.5174,
112.8022, 146.5968

■ 5.7561, 4.3361,
7.7577

151.6685,
143.2119, 183.6818

■ 2.7366, 1.8633,
3.8547

187.7722,
178.6476, 226.5463

■ 1.0160, 0.5262,
1.5460

229.1938,

■ 0.0000, 0.0000,

219.4938, 275.6090

0.2518

276.2985,
266.1348, 331.2884

■ 0.0000, 0.0000,
0.0000

■ 38.1308, 33.7364,
47.6821

■ 38.1308, 33.7364,
47.6821

■ 35.3531, 28.4861,
45.8143

■ 41.3685, 39.9015,
49.7169

■ 33.0104, 24.1022,
44.1040

■ 45.0836, 47.0176,
51.9235

■ 31.0801, 20.5390,
42.5439

■ 49.2963, 55.1247,
54.3089

■ 29.5363, 17.7444,
41.1255

■ 54.0247, 64.2590,
56.8794

■ 28.3499, 15.6607,
39.8389

■ 59.2860, 74.4548,
59.6405

■ 27.4879, 14.2218,
38.6731

■ 64.9674, 85.4865,
62.5549

■ 26.9113, 13.3493,
37.6151

■ 65.1770, 85.5703,
63.6585

■ 26.5705, 12.9117,
36.7494

■ 65.3892, 85.6552,
64.7763

■ 65.6042, 85.7412,
65.9084

Harmonies

Analogous

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



35.3780, 33.7364, 56.3034



38.1308, 33.7364, 47.6821



39.2434, 33.7364, 37.2168

Triad

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



38.1308, 33.7364, 47.6821



32.2339, 33.7364, 20.6913



26.5315, 33.7364, 46.6965

Complementary

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



38.1308, 33.7364, 47.6821



34.2437, 42.4717, 34.8287

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.



25.8209, 33.7364, 36.2538



38.1308, 33.7364, 47.6821



28.9664, 33.7364, 22.3216

Square

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



38.1308, 33.7364, 47.6821



35.6898, 33.7364, 22.6689



26.6800, 33.7364, 27.6035



28.6951, 33.7364, 55.6657

Rectangle

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



38.1308, 33.7364, 47.6821



38.8482, 33.7364, 30.9551



26.6800, 33.7364, 27.6035



26.1220, 33.7364, 43.1890

Sweetspot

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



38.1318, 33.7379, 47.6828



78.3103, 78.6816, 92.1218



31.1548, 30.0933, 49.5147



16.7889, 16.7836, 19.8041



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.



38.1318, 33.7379, 47.6828



66.8964, 56.9394, 84.9701



36.2916, 33.0018, 37.9921



9.3402, 9.1464, 11.1387



18.3271, 8.9046, 25.4069



0.6576, 0.3185, 0.9563

Inverse Universe

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



38.1318, 33.7379, 47.6828



66.8964, 56.9394, 84.9701



35.9240, 43.1438, 43.6768



9.3402, 9.1464, 11.1387



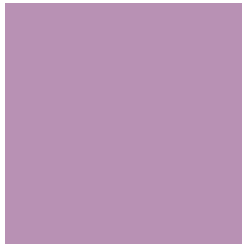
18.3271, 8.9046, 25.4069



0.6576, 0.3185, 0.9563

Previews

White Background



This preview shows how the XYZ color 38.1308, 33.7364, 47.6821 looks on a white background.

Color Contrast Check

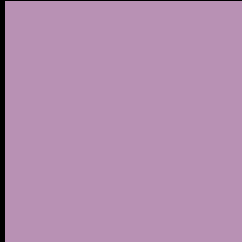
Large Text (above 18pt) WCAG AA × Fail

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 38.1308, 33.7364, 47.6821 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 38.1308, 33.7364, 47.6821

Background



This preview shows how black text looks on a background with the XYZ color 38.1308, 33.7364, 47.6821.



This preview shows how white text looks on a background with the XYZ color 38.1308, 33.7364,

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

38.1308, 33.7364, 47.6821

Protanopia

33.6206, 33.9441, 51.7936

Deuteranopia

34.5314, 33.7833, 46.8203



Tritanopia

36.1487, 33.8567, 37.8875

Trichromacy



Original Color

38.1308, 33.7364, 47.6821

Protanomaly

34.9842, 33.7037, 50.0090

Deuteranomaly

35.8376, 33.7253, 47.2686

Tritanomaly

36.8564, 33.9149, 41.1629

Monochromacy



Original Color

38.1308, 33.7364, 47.6821

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.1514, 34.7049, 41.8918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1308, 33.7364, 47.6821 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(184, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 180)  
}
```

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(184, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 180) }
```

Border

The CSS property to change the border of an element to XYZ 38.1308, 33.7364, 47.6821 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(184, 145, 180) }
```


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

```
.border{ border-color:rgb(184, 145, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1308, 33.7364, 47.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 180) }
```

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

```
.background{ background-color: rgb(184,  
145, 180) }
```

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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