

Converting Colors

XYZ(38.1201, 33.8444, 42.5537)

Have a look what the booklet for
XYZ(38.1201, 33.8444, 42.5537)
contains.

XYZ(38.1201, 33.8444, 42.5537)	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(38.1201, 33.8444,
42.5537)**

Conversions

Conversions Part 1

Format	Color
Hex	BC91AA
RGB	188, 145, 170
RGB Percent	74%, 57%, 67%
CMY	0.2627, 0.4314, 0.3333
CMYK	0.00, 0.23, 0.10, 0.26
HSL	325°, 24%, 65%
HSV	325°, 23%, 74%
XYZ	38.1201, 33.8444, 42.5537
YIQ	160.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

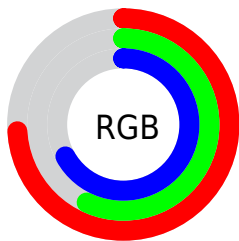
Format	Color
R_{YB}	188, 145, 170
Decimal	12358058
CIE _{Lab}	64.84, 20.29, -6.85
CIE _{LCh}	65, 21.411, 341.348
Yxy	33.8444, 0.3329, 0.2955
Android (android.graphics.Color)	4290548138 (0xFFBC91AA)
YUV	160.7070, 4.5814, 23.9360
Hunter-Lab	58.1759, 15.1552, -2.6454

Details

The XYZ color **38.1201, 33.8444, 42.5537** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.2724, 44.6314, 41.3552**, and the grayscale version is **33.7148, 35.4706, 38.6275**.

A 20% lighter version of the original color is **71.6702, 65.6956, 80.1372**, and **17.1042, 14.3817, 19.0140** is the 20% darker color. If you saturate the color by 10%, you get **34.7594, 28.2788, 37.8696**, and if you desaturate by 10%, it is **42.0027, 40.3816, 47.6324**.

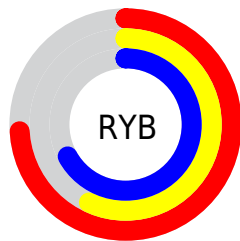
Distribution



Red (74%)

Green (57%)

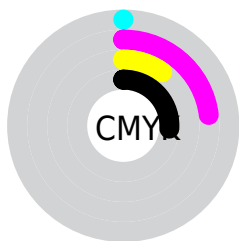
Blue (67%)



Red (74%)

Yellow (57%)

Blue (67%)

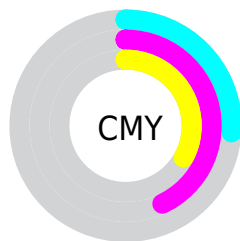


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1201, 33.8444, 42.5537 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 38.1201, 33.8444, 42.5537 by changing the saturation by 10% instead.


 38.1201, 33.8444,
42.5537


 38.1201, 33.8444,
42.5537

329.4068,
319.4377, 372.6403

 26.2536, 22.7741,
29.2063


 71.5949, 65.6916,
80.3161

 17.1471, 14.4268,
18.9900


 93.9339, 87.2373,
105.5681

 10.4354, 8.4181,
11.4863


120.4943,
113.0436, 135.6254

 5.7530, 4.3636,
6.2767

151.6417,
143.4949, 170.9066

 2.7347, 1.8790,
2.9425

187.7412,
178.9755, 211.8301

 1.0151, 0.5357,
1.0654

229.1584,

 0.0000, 0.0000,

219.8700, 258.8145

0.0000

276.2585,
266.5625, 312.2784

■ 38.1201, 33.8444,
42.5537

■ 38.1201, 33.8444,
42.5537

■ 34.7594, 28.2788,
37.8696

■ 42.0027, 40.3816,
47.6324

■ 31.8936, 23.6331,
33.5663

■ 46.4267, 47.9297,
53.1149

■ 29.4974, 19.8580,
29.6317

■ 51.4144, 56.5313,
59.0126

■ 27.5423, 16.8974,
26.0523

■ 56.9857, 66.2252,
65.3356

■ 25.9962, 14.6887,
22.8133

■ 63.1595, 77.0482,
72.0938

■ 24.8226, 13.1600,
19.8982

■ 69.0527, 87.2328,
78.9961

■ 23.9776, 12.2254,
17.2880

■ 70.1026, 87.6528,
84.5250

■ 23.5156, 11.8020,
15.5906

■ 71.2021, 88.0926,
90.3146

■ 72.3517, 88.5524,
96.3684

Harmonies

Analogous

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



36.2468, 33.8444, 51.1272



38.1201, 33.8444, 42.5537



38.3395, 33.8444, 33.6092

Triad

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



38.1201, 33.8444, 42.5537



31.0153, 33.8444, 22.5817



27.9185, 33.8444, 49.2474

Complementary

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



38.1201, 33.8444, 42.5537



36.2724, 44.6314, 41.3552

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.



26.6972, 33.8444, 40.2944



38.1201, 33.8444, 42.5537



28.4074, 33.8444, 25.5151

Square

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



38.1201, 33.8444, 42.5537



34.1022, 33.8444, 22.9882



26.8703, 33.8444, 31.6816



30.3085, 33.8444, 55.3976

Rectangle

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



38.1201, 33.8444, 42.5537



37.5029, 33.8444, 28.7030



26.8703, 33.8444, 31.6816



27.3648, 33.8444, 46.4108

Sweetspot

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



38.1211, 33.8459, 42.5544



80.6152, 80.8297, 91.9542



34.2910, 31.6610, 51.8813



17.2322, 17.2050, 19.6460



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.1211, 33.8459, 42.5544



66.1886, 56.5147, 73.1542



36.2572, 33.1004, 32.7394



9.7564, 9.6269, 11.1064



16.0482, 8.0504, 10.8135



0.6606, 0.3281, 0.5918

Inverse Universe

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



38.1211, 33.8459, 42.5544



66.1886, 56.5147, 73.1542



38.3568, 45.4651, 52.3314



9.7564, 9.6269, 11.1064



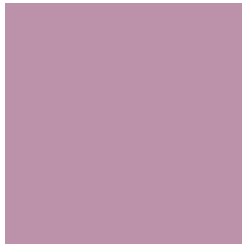
16.0482, 8.0504, 10.8135



0.6606, 0.3281, 0.5918

Previews

White Background



This preview shows how the XYZ color 38.1201, 33.8444, 42.5537 looks on a white background.

Color Contrast Check

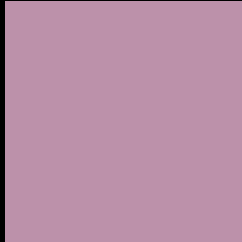
Large Text (above 18pt) WCAG AA × Fail

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 38.1201, 33.8444, 42.5537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

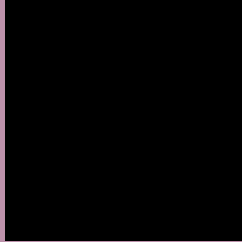
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1201, 33.8444, 42.5537

Background



This preview shows how black text looks on a background with the XYZ color 38.1201, 33.8444, 42.5537.



This preview shows how white text looks on a background with the XYZ color 38.1201, 33.8444,

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

38.1201, 33.8444, 42.5537

Protanopia

33.3418, 33.9198, 46.3848

Deuteranopia

34.6076, 33.9344, 41.7718



Tritanopia

37.0988, 33.9009, 36.9360

Trichromacy



Original Color

38.1201, 33.8444, 42.5537

Protanomaly

34.8046, 33.7280, 44.7201

Deuteranomaly

35.7470, 33.7912, 42.1744

Tritanomaly

37.2940, 33.7312, 38.7276

Monochromacy



Original Color

38.1201, 33.8444, 42.5537

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.2168, 34.7810, 39.9792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1201, 33.8444, 42.5537 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(188, 145, 170)` looks like.

```
.text, #text, p{  
    color:rgb(188, 145, 170)  
}
```

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(188, 145, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 145, 170) }
```

Border

The CSS property to change the border of an element to XYZ 38.1201, 33.8444, 42.5537 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(188, 145, 170) }
```


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

```
.border{ border-color:rgb(188, 145, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 145, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 145, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 145, 170);  
box-shadow:4px 4px 4px 4px rgb(188, 145,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1201, 33.8444, 42.5537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 145, 170) }
```

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

```
.background{ background-color: rgb(188,  
145, 170) }
```

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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