

Converting Colors

XYZ(38.3762, 33.8354, 48.9690)

Have a look what the booklet for
XYZ(38.3762, 33.8354, 48.9690)
contains.

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Color

**XYZ(38.3361, 33.8185,
48.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	B891B6
RGB	184, 145, 182
RGB Percent	72%, 57%, 71%
CMY	0.2784, 0.4314, 0.2863
CMYK	0.00, 0.21, 0.01, 0.28
HSL	303°, 22%, 65%
HSV	303°, 21%, 72%
XYZ	38.3361, 33.8185, 48.7631
YIQ	160.8790, 11.3670, 19.7750

Conversions

Conversions Part 2

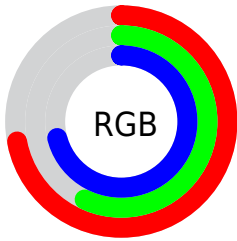
Format	Color
RYB	184, 145, 182
Decimal	12095926
CIELab	64.82, 21.07, -13.68
CIElCh	65, 25.120, 327.015
Yxy	33.8185, 0.3170, 0.2797
Android (android.graphics.Color)	4290286006 (0xFFB891B6)
YUV	160.8790, 10.4127, 20.2771
Hunter-Lab	58.1537, 15.9019, -9.0084

Details

The XYZ color **38.3361, 33.8185, 48.7631** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.0854, 42.4084, 33.9948**, and the grayscale version is **33.7704, 35.5291, 38.6912**.

A 20% lighter version of the original color is **71.7912, 65.5452, 89.7566**, and **17.3252, 14.4157, 22.6382** is the 20% darker color. If you saturate the color by 10%, you get **35.6522, 28.6057, 47.3892**, and if you desaturate by 10%, it is **41.4781, 39.9453, 50.2937**.

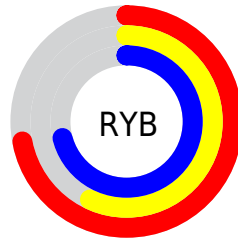
Distribution



Red (72%)

Green (57%)

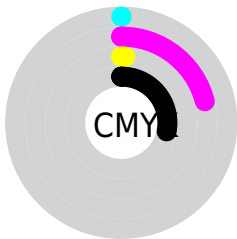
Blue (71%)



Red (72%)

Yellow (57%)

Blue (71%)

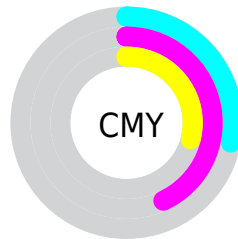


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (28%)



Cyan (28%)


Magenta (43%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3361, 33.8185, 48.7631 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 38.3361, 33.8185, 48.7631 by changing the saturation by 10% instead.


 38.3361, 33.8185,
48.7631

 38.3361, 33.8185,
48.7631

330.3155,
319.3220, 398.4046

 26.4220, 22.7542,
34.0673


 71.9236, 65.6513,
89.7168

 17.2740, 14.4121,
22.6675


 94.3277, 87.1886,
116.8119

 10.5265, 8.4079,
14.1452


120.9593,
112.9857, 148.8771

 5.8144, 4.3570,
8.0818

152.1836,
143.4270, 186.3310

 2.7721, 1.8752,
4.0588

188.3660,
178.8969, 229.5922

 1.0344, 0.5334,
1.6577

229.8719,

 0.0000, 0.0000,

219.7798, 279.0791

0.3315

277.0666,
266.4600, 335.2104

■ 0.0000, 0.0000,
0.0000

■ 38.3361, 33.8185,
48.7631

■ 38.3361, 33.8185,
48.7631

■ 35.6522, 28.6057,
47.3892

■ 41.4781, 39.9453,
50.2937

■ 33.4013, 24.2586,
46.1624

■ 45.0955, 47.0223,
51.9857

■ 31.5610, 20.7313,
45.0757

■ 49.2085, 55.0895,
53.8462

■ 30.1050, 17.9719,
44.1204

■ 53.8352, 64.1831,
55.8811

■ 29.0047, 15.9226,
43.2869

■ 58.9928, 74.3375,
58.0963

■ 28.2269, 14.5173,
42.5641

■ 64.5685, 85.3269,
60.4541

■ 27.7324, 13.6778,
41.9389

■ 64.6704, 85.3677,
60.9906

■ 27.4625, 13.2685,
41.4462

■ 64.7729, 85.4087,
61.5306

■ 64.8761, 85.4500,
62.0741

Harmonies

Analogous

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



35.4065, 33.8185, 57.5658



38.3361, 33.8185, 48.7631



39.5996, 33.8185, 37.8693

Triad

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



38.3361, 33.8185, 48.7631



32.5069, 33.8185, 20.3007



26.3381, 33.8185, 46.6292

Complementary

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



38.3361, 33.8185, 48.7631



34.0854, 42.4084, 33.9948

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.



25.6874, 33.8185, 35.7954



38.3361, 33.8185, 48.7631



29.0873, 33.8185, 21.7780

Square

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



38.3361, 33.8185, 48.7631



36.0796, 33.8185, 22.5168



26.6564, 33.8185, 27.0102



28.5045, 33.8185, 56.1804

Rectangle

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



38.3361, 33.8185, 48.7631



39.2616, 33.8185, 31.2971



26.6564, 33.8185, 27.0102



25.9423, 33.8185, 42.9629

Sweetspot

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



38.3371, 33.8200, 48.7638



78.4191, 78.7251, 92.6944



30.8022, 29.9115, 49.4983



16.8148, 16.7940, 19.9405



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.



38.3371, 33.8200, 48.7638



67.3407, 57.1171, 87.3100



36.4644, 33.0709, 38.9021



9.3605, 9.1546, 11.2458



18.9347, 9.1476, 28.6068



0.6736, 0.3249, 1.0407

Inverse Universe

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



38.3371, 33.8200, 48.7638



67.3407, 57.1171, 87.3100



35.7431, 43.0715, 42.7242



9.3605, 9.1546, 11.2458



18.9347, 9.1476, 28.6068



0.6736, 0.3249, 1.0407

Previews

White Background



This preview shows how the XYZ color 38.3361, 33.8185, 48.7631 looks on a white background.

Color Contrast Check

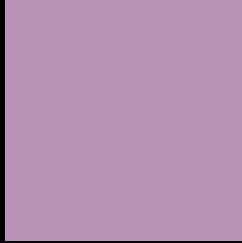
Large Text (above 18pt) WCAG AA × Fail

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 38.3361, 33.8185, 48.7631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

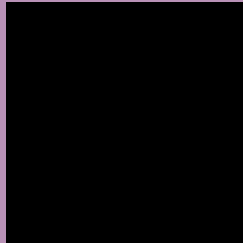
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3361, 33.8185, 48.7631

Background



This preview shows how black text looks on a background with the XYZ color 38.3361, 33.8185, 48.7631.



This preview shows how white text looks on a background with the XYZ color 38.3361, 33.8185,

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

38.3361, 33.8185, 48.7631

Protanopia

33.6515, 33.9351, 52.9206

Deuteranopia

34.5297, 33.7591, 47.8763



Tritanopia

36.1487, 33.8567, 37.8875

Trichromacy



Original Color

38.3361, 33.8185, 48.7631

Protanomaly

34.9915, 33.6830, 51.1116

Deuteranomaly

35.8244, 33.6949, 48.3317

Tritanomaly

36.9492, 33.9520, 41.6518

Monochromacy



Original Color

38.3361, 33.8185, 48.7631

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.2450, 34.7423, 42.3844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3361, 33.8185, 48.7631 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.3361, 33.8185, 48.7631 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, 182) }
```


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

```
.border{ border-color:rgb(184, 145, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 182);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3361, 33.8185, 48.7631 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, 182) }
```

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

```
.background{ background-color: rgb(184,  
145, 182) }
```

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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