

Converting Colors

XYZ(38.0364, 35.3245, 46.2291)

Have a look what the booklet for
XYZ(38.0364, 35.3245, 46.2291)
contains.

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Color

**XYZ(37.9864, 35.3341,
46.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	B498B1
RGB	180, 152, 177
RGB Percent	71%, 60%, 69%
CMY	0.2941, 0.4039, 0.3059
CMYK	0.00, 0.16, 0.02, 0.29
HSL	306°, 16%, 65%
HSV	306°, 16%, 71%
XYZ	37.9864, 35.3341, 46.4130
YIQ	163.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

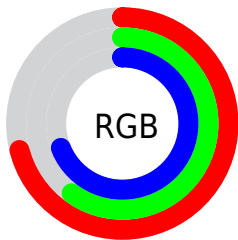
Format	Color
RYB	180, 152, 177
Decimal	11835569
CIELab	66.01, 14.82, -9.13
CIELCh	66, 17.401, 328.370
Yxy	35.3341, 0.3173, 0.2951
Android (android.graphics.Color)	4290025649 (0xFFB498B1)
YUV	163.2220, 6.7926, 14.7143
Hunter-Lab	59.4425, 10.0451, -4.6842

Details

The XYZ color **37.9864, 35.3341, 46.4130** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.1879, 41.6854, 37.2037**, and the grayscale version is **34.8845, 36.7012, 39.9676**.

A 20% lighter version of the original color is **71.3714, 67.8587, 86.4272**, and **17.0442, 15.2746, 21.1188** is the 20% darker color. If you saturate the color by 10%, you get **35.0932, 29.8527, 44.5071**, and if you desaturate by 10%, it is **41.3277, 41.7063, 48.4825**.

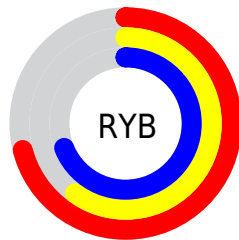
Distribution



Red (71%)

Green (60%)

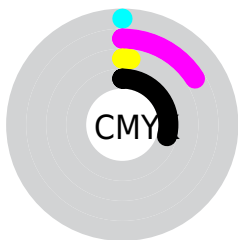
Blue (69%)



Red (71%)

Yellow (60%)

Blue (69%)

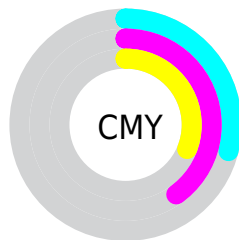


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (29%)



Cyan (29%)


Magenta (40%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9864, 35.3341, 46.4130 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 37.9864, 35.3341, 46.4130 by changing the saturation by 10% instead.


 37.9864, 35.3341,
46.4130


 37.9864, 35.3341,
46.4130

328.8435,
326.0406, 388.7923

 26.1493, 23.9203,
32.2208


 71.3913, 68.0030,
86.1775

 17.0686, 15.2745,
21.2640


 93.6899, 90.0270,
112.5870

 10.3790, 9.0123,
13.1240


120.2063,
116.3565, 143.9059

 5.7152, 4.7492,
7.3823

151.3059,
147.3759, 180.5530

 2.7117, 2.1009,
3.6202

187.3540,
183.4696, 222.9465

 1.0032, 0.6651,
1.4194

228.7161,

 0.0000, 0.0000,

225.0220, 271.5053

0.1568

275.7575,
272.4175, 326.6477

■ 0.0000, 0.0000,
0.0000

■ 37.9864, 35.3341,
46.4130

■ 37.9864, 35.3341,
46.4130

■ 35.0932, 29.8527,
44.5071

■ 41.3277, 41.7063,
48.4825

■ 32.6252, 25.2178,
42.7559

■ 45.1328, 49.0022,
50.7196

■ 30.5618, 21.3880,
41.1529

■ 49.4201, 57.2583,
53.1310

■ 28.8798, 18.3166,
39.6902

■ 54.2065, 66.5080,
55.7224

■ 27.5535, 15.9523,
38.3593

■ 59.5078, 76.7832,
58.4989

■ 26.5540, 14.2373,
37.1504

■ 63.7217, 84.8791,
60.9267

■ 25.8478, 13.1046,
36.0524

■ 63.9319, 84.9631,
62.0337

■ 25.3929, 12.4705,
35.0512

■ 64.1449, 85.0483,
63.1554

■ 25.2303, 12.2665,
34.6234

■ 64.3607, 85.1347,
64.2918

Harmonies

Analogous

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



35.9962, 35.3341, 52.3732



37.9864, 35.3341, 46.4130



38.7896, 35.3341, 38.8783

Triad

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



37.9864, 35.3341, 46.4130



33.7253, 35.3341, 25.9495



29.4063, 35.3341, 45.6245

Complementary

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



37.9864, 35.3341, 46.4130



35.1879, 41.6854, 37.2037

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.



28.8663, 35.3341, 38.0702



37.9864, 35.3341, 46.4130



31.2820, 35.3341, 27.2792

Square

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



37.9864, 35.3341, 46.4130



36.2527, 35.3341, 27.6017



29.5356, 35.3341, 31.4942



31.0496, 35.3341, 51.8785

Rectangle

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



37.9864, 35.3341, 46.4130



38.5142, 35.3341, 34.1677



29.5356, 35.3341, 31.4942



29.0936, 35.3341, 43.1252

Sweetspot

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



37.9874, 35.3356, 46.4138



75.2390, 76.2029, 88.0911



32.9472, 32.7024, 47.7562



16.1650, 16.2849, 18.9813



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.9874, 35.3356, 46.4138



66.8063, 60.1356, 82.8194



36.6806, 34.8129, 39.5320



8.8100, 8.6307, 10.4980



17.6239, 8.5671, 24.2434



0.5657, 0.2740, 0.8215

Inverse Universe

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



37.9874, 35.3356, 46.4138



66.8063, 60.1356, 82.8194



36.4140, 42.1759, 43.6604



8.8100, 8.6307, 10.4980



17.6239, 8.5671, 24.2434



0.5657, 0.2740, 0.8215

Previews

White Background



This preview shows how the XYZ color 37.9864, 35.3341, 46.4130 looks on a white background.

Color Contrast Check

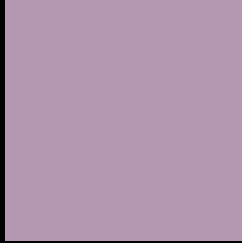
Large Text (above 18pt) WCAG AA × Fail

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 37.9864, 35.3341, 46.4130 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 37.9864, 35.3341, 46.4130

Background



This preview shows how black text looks on a background with the XYZ color 37.9864, 35.3341, 46.4130.



This preview shows how white text looks on a background with the XYZ color 37.9864, 35.3341,

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

37.9864, 35.3341, 46.4130

Protanopia

34.7463, 35.3418, 49.2463

Deuteranopia

36.0871, 35.3465, 45.9949



Tritanopia

36.7986, 35.3294, 40.9561

Trichromacy



Original Color

37.9864, 35.3341, 46.4130

Protanomaly

35.6437, 35.0716, 48.0709

Deuteranomaly

36.7914, 35.4615, 45.9799

Tritanomaly

37.2373, 35.2685, 42.8751

Monochromacy



Original Color

37.9864, 35.3341, 46.4130

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8282, 36.0584, 42.1174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9864, 35.3341, 46.4130 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(180, 152, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 152, 177)  
}
```

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(180, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 152, 177) }
```

Border

The CSS property to change the border of an element to XYZ 37.9864, 35.3341, 46.4130 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(180, 152, 177) }
```


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

```
.border{ border-color:rgb(180, 152, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 152, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 152, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 152, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 152,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9864, 35.3341, 46.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 152, 177) }
```

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

```
.background{ background-color: rgb(180,  
152, 177) }
```

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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