

Converting Colors

XYZ(41.1339, 33.6027, 48.3889)

Have a look what the booklet for
XYZ(41.1339, 33.6027, 48.3889)
contains.

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Color

**XYZ(41.2086, 33.5481,
48.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	C889B6
RGB	200, 137, 182
RGB Percent	78%, 54%, 71%
CMY	0.2157, 0.4627, 0.2863
CMYK	0.00, 0.31, 0.09, 0.22
HSL	317°, 36%, 66%
HSV	317°, 31%, 78%
XYZ	41.2086, 33.5481, 48.5595
YIQ	160.9670, 23.1030, 27.3510

Conversions

Conversions Part 2

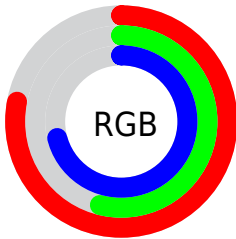
Format	Color
R _{YB}	200, 137, 182
Decimal	13142454
CIE _{Lab}	64.60, 31.01, -13.83
CIE _{LCh}	65, 33.954, 335.955
Yxy	33.5481, 0.3342, 0.2720
Android (android.graphics.Color)	4291332534 (0xFFC889B6)
YUV	160.9670, 10.3693, 34.2319
Hunter-Lab	57.9207, 25.6353, -9.1630

Details

The XYZ color **41.2086, 33.5481, 48.5595** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.8886, 48.9945, 38.5251**, and the grayscale version is **33.8077, 35.5683, 38.7339**.

A 20% lighter version of the original color is **75.3034, 64.6947, 89.4073**, and **18.9673, 14.2603, 22.5217** is the 20% darker color. If you saturate the color by 10%, you get **38.0463, 28.1491, 44.6510**, and if you desaturate by 10%, it is **44.9239, 40.0137, 52.7720**.

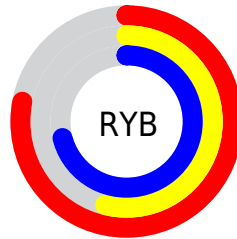
Distribution



Red (78%)

Green (54%)

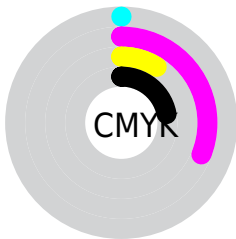
Blue (71%)



Red (78%)

Yellow (54%)

Blue (71%)

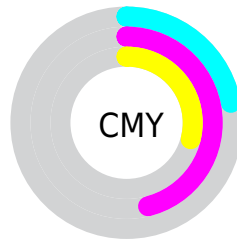


Cyan (0%)

Magenta (31%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (46%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2086, 33.5481, 48.5595 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 41.2086, 33.5481, 48.5595 by changing the saturation by 10% instead.


 41.2086, 33.5481,
48.5595


 41.2086, 33.5481,
48.5595


342.2394,
318.1123, 397.5781


 28.6705, 22.5467,
33.9070


 76.2732, 65.2303,
89.4111

 18.9747, 14.2591,
22.5454


 99.5303, 86.6799,
116.4473

 11.7559, 8.3011,
14.0561

 127.0913,
112.3809, 148.4484

 6.6487, 4.2882,
8.0205

159.3213,
142.7178, 185.8331

 3.2878, 1.8361,
4.0201

196.5857,
178.0750, 229.0199

 1.3077, 0.5095,
1.6364

239.2500,

 0.1890, 0.0000,

218.8369, 278.4273

0.3166

287.6795,
265.3879, 334.4738

■ 0.0000, 0.0000,
0.0000

■ 41.2086, 33.5481,
48.5595

■ 41.2086, 33.5481,
48.5595

■ 38.0463, 28.1491,
44.6510

■ 44.9239, 40.0137,
52.7720

■ 35.4047, 23.7537,
41.0332

■ 49.2165, 47.5952,
57.2969

■ 33.2524, 20.2993,
37.6946


■ 54.1127, 56.3446,
62.1447


■ 31.5534, 17.7143,
34.6218


■ 59.6364, 66.3089,
67.3245


■ 30.2665, 15.9170,
31.7995


■ 65.8100, 77.5328,
72.8454


 29.3428, 14.8096,
29.2099

 72.0118, 88.7723,
78.5012

 28.7666, 14.2582,
27.1647

 72.7650, 89.0736,
82.4676

 73.5442, 89.3853,
86.5709

 74.3496, 89.7075,
90.8122

Harmonies

Analogous

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



37.6966, 33.5481, 62.7702



41.2086, 33.5481, 48.5595



42.1179, 33.5481, 33.8203

Triad

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



41.2086, 33.5481, 48.5595



30.9264, 33.5481, 15.8455



24.9017, 33.5481, 54.6115

Complementary

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



41.2086, 33.5481, 48.5595



36.8886, 48.9945, 38.5251

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.



23.4627, 33.5481, 39.3769



41.2086, 33.5481, 48.5595



26.7063, 33.5481, 18.8589

Square

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



41.2086, 33.5481, 48.5595



35.8494, 33.5481, 17.1272



24.0883, 33.5481, 26.6689



28.2269, 33.5481, 66.8402

Rectangle

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



41.2086, 33.5481, 48.5595



41.0526, 33.5481, 26.0185



24.0883, 33.5481, 26.6689



24.1976, 33.5481, 49.5439

Sweetspot

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



41.2096, 33.5496, 48.5602



87.1227, 85.8062, 101.1376



32.8613, 29.0170, 58.5130



18.3914, 17.9095, 21.3885



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.2096, 33.5496, 48.5602



67.3922, 51.3112, 79.2515



38.3239, 32.3953, 33.3641



10.9489, 10.7629, 12.7141



18.3308, 9.0819, 17.4837



0.8980, 0.4421, 0.9862

Inverse Universe

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



41.2096, 33.5496, 48.5602



67.3922, 51.3112, 79.2515



39.8722, 50.1879, 54.2365



10.9489, 10.7629, 12.7141



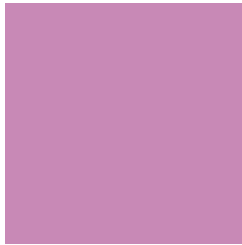
18.3308, 9.0819, 17.4837



0.8980, 0.4421, 0.9862

Previews

White Background



This preview shows how the XYZ color 41.2086, 33.5481, 48.5595 looks on a white background.

Color Contrast Check

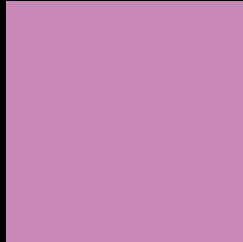
Large Text (above 18pt) WCAG AA × Fail

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 41.2086, 33.5481, 48.5595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

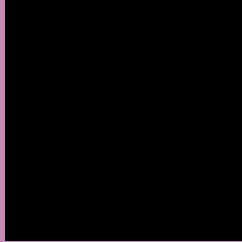
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2086, 33.5481, 48.5595

Background



This preview shows how black text looks on a background with the XYZ color 41.2086, 33.5481, 48.5595.



This preview shows how white text looks on a background with the XYZ color 41.2086, 33.5481,

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

41.2086, 33.5481, 48.5595

Protanopia

33.7844, 33.6787, 56.3498

Deuteranopia

34.4282, 33.7185, 47.3416



Tritanopia

38.1877, 33.3817, 34.5676

Trichromacy



Original Color

41.2086, 33.5481, 48.5595

Protanomaly

35.8205, 33.1130, 53.2187

Deuteranomaly

36.5764, 33.3928, 47.6977

Tritanomaly

39.1049, 33.3068, 39.4898

Monochromacy



Original Color

41.2086, 33.5481, 48.5595

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.0689, 34.4350, 42.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2086, 33.5481, 48.5595 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(200, 137, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 137, 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(200, 137, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 137, 182) }
```

Border

The CSS property to change the border of an element to XYZ 41.2086, 33.5481, 48.5595 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(200, 137, 182) }
```


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

```
.border{ border-color:rgb(200, 137, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 137, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 137, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 137, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 137,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2086, 33.5481, 48.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 137, 182) }
```

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

```
.background{ background-color: rgb(200,  
137, 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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