

Converting Colors

XYZ(40.4636, 33.6434, 55.9909)

Have a look what the booklet for
XYZ(40.4636, 33.6434, 55.9909)
contains.

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Color

**XYZ(40.4636, 33.6434,
55.9909)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8CC3
RGB	190, 140, 195
RGB Percent	75%, 55%, 76%
CMY	0.2549, 0.4510, 0.2353
CMYK	0.03, 0.28, 0.00, 0.24
HSL	295°, 31%, 66%
HSV	295°, 28%, 76%
XYZ	40.4636, 33.6434, 55.9909
YIQ	161.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

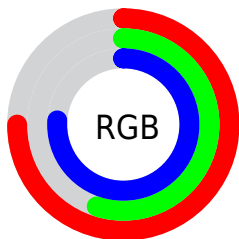
Format	Color
RYB	190, 140, 195
Decimal	12487875
CIELab	64.68, 28.38, -21.13
CIELCh	65, 35.386, 323.334
Yxy	33.6434, 0.3110, 0.2586
Android (android.graphics.Color)	4290677955 (0xFFBE8CC3)
YUV	161.2200, 16.6535, 25.2401
Hunter-Lab	58.0029, 23.0188, -16.6313

Details

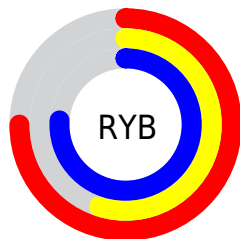
The XYZ color **40.4636, 33.6434, 55.9909** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.9269, 46.9442, 31.9801**, and the grayscale version is **33.9004, 35.6659, 38.8401**.

A 20% lighter version of the original color is **75.2202, 65.3860, 100.7517**, and **18.5334, 14.3021, 26.9831** is the 20% darker color. If you saturate the color by 10%, you get **37.4231, 28.2151, 55.1039**, and if you desaturate by 10%, it is **44.0165, 40.0872, 57.0479**.

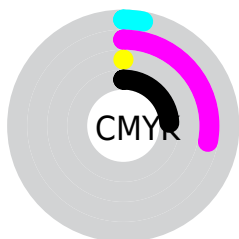
Distribution



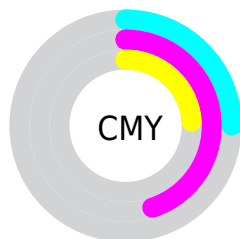
- Red (75%)
- Green (55%)
- Blue (76%)



- Red (75%)
- Yellow (55%)
- Blue (76%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4636, 33.6434, 55.9909 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 40.4636, 33.6434, 55.9909 by changing the saturation by 10% instead.

40.4636, 33.6434,
55.9909

40.4636, 33.6434,
55.9909

339.1747,
318.5390, 427.0446

28.0860, 22.6198,
39.7917

75.1488, 65.3787,
100.4769

18.5313, 14.3130,
27.0636

98.1871, 86.8593,
129.6008

11.4341, 8.3387,
17.3881

125.5098,
112.5942, 163.8700

6.4290, 4.3124,
10.3467

157.4820,
142.9680, 203.7031

3.1508, 1.8498,
5.5209

194.4693,
178.3649, 249.5185

1.2340, 0.5179,
2.4920

236.8370,

0.1330, 0.0000,

219.1695, 301.7349

0.8359

284.9503,
265.7661, 360.7707

■ 0.0000, 0.0000,
0.0000

■ 40.4636, 33.6434,
55.9909

■ 40.4636, 33.6434,
55.9909

■ 37.4231, 28.2151,
55.1039

■ 44.0165, 40.0872,
57.0479

■ 34.8652, 23.7446,
54.3758

■ 48.1033, 47.5915,
58.2810

■ 32.7618, 20.1752,
53.7977

■ 52.7482, 56.2040,
59.6986

■ 31.0805, 17.4422,
53.3588

■ 57.9730, 65.9680,
61.3078

■ 29.7849, 15.4725,
53.0469

■ 63.7981, 76.9247,
63.1157

■ 28.8320, 14.1805,
52.8477

■ 69.6004, 87.8274,
64.9143

■ 28.1553, 13.4331,
52.7391

■ 70.0786, 88.0740,
64.9367

■ 28.0445, 13.3196,
52.7231

■ 70.5623, 88.3233,
64.9593

■ 71.0515, 88.5755,
64.9822

Harmonies

Analogous

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



36.0014, 33.6434, 68.7652



40.4636, 33.6434, 55.9909



42.6856, 33.6434, 39.9742

Triad

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



40.4636, 33.6434, 55.9909



33.1237, 33.6434, 15.2895



23.8252, 33.6434, 48.8583

Complementary

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



40.4636, 33.6434, 55.9909



35.9269, 46.9442, 31.9801

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.



23.2283, 33.6434, 33.4814



40.4636, 33.6434, 55.9909



28.2644, 33.6434, 16.4911

Square

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



40.4636, 33.6434, 55.9909



38.1676, 33.6434, 18.4718



24.7687, 33.6434, 22.3452



26.4949, 33.6434, 63.9438

Rectangle

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



40.4636, 33.6434, 55.9909



42.4471, 33.6434, 30.5555



24.7687, 33.6434, 22.3452



23.3880, 33.6434, 43.4649

Sweetspot

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



40.4647, 33.6449, 55.9916



86.2151, 85.3508, 104.4001



30.8689, 29.9211, 55.7786



18.6203, 18.2115, 22.7837



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.



40.4647, 33.6449, 55.9916



68.9241, 53.9033, 99.2415



39.4276, 33.3768, 43.9005



10.4041, 10.1995, 12.7052



18.2645, 8.6761, 34.2686



0.8160, 0.3887, 1.4819

Inverse Universe

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



36.9957, 32.4040, 31.0942



61.7377, 51.3493, 46.9166



36.8530, 47.2151, 41.3548



10.1096, 10.0924, 10.6675



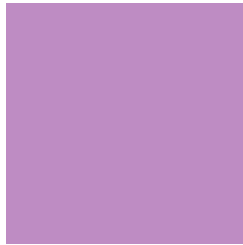
14.7109, 7.5741, 1.1239



0.6485, 0.3324, 0.1165

Previews

White Background



This preview shows how the XYZ color 40.4636, 33.6434, 55.9909 looks on a white background.

Color Contrast Check

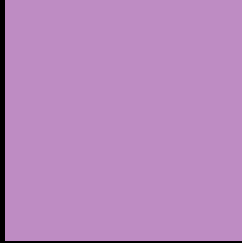
Large Text (above 18pt) WCAG AA × Fail

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 40.4636, 33.6434, 55.9909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

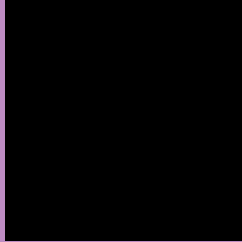
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4636, 33.6434, 55.9909

Background



This preview shows how black text looks on a background with the XYZ color 40.4636, 33.6434, 55.9909.



This preview shows how white text looks on a background with the XYZ color 40.4636, 33.6434,

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

40.4636, 33.6434, 55.9909

Protanopia

34.1896, 33.7386, 63.1027

Deuteranopia

34.5876, 33.8855, 54.5868



Tritanopia

36.6129, 33.6503, 36.9132

Trichromacy



Original Color

40.4636, 33.6434, 55.9909

Protanomaly

36.0642, 33.5505, 60.4522

Deuteranomaly

36.5215, 33.6700, 55.0261

Tritanomaly

37.8175, 33.4516, 42.9917

Monochromacy



Original Color

40.4636, 33.6434, 55.9909

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.9473, 34.5703, 44.3133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4636, 33.6434, 55.9909 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(190, 140, 195)` looks like.

```
.text, #text, p{  
    color:rgb(190, 140, 195)  
}
```

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(190, 140, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 140, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.4636, 33.6434, 55.9909 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(190, 140, 195) }
```


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

```
.border{ border-color:rgb(190, 140, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 140, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 140, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 140, 195);  
box-shadow:4px 4px 4px 4px rgb(190, 140,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4636, 33.6434, 55.9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 140, 195) }
```

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

```
.background{ background-color: rgb(190,  
140, 195) }
```

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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