

Converting Colors

XYZ(35.9470, 33.4958, 40.5148)

Have a look what the booklet for
XYZ(35.9470, 33.4958, 40.5148)
contains.

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Color

**XYZ(36.0632, 33.5167,
40.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	B394A6
RGB	179, 148, 166
RGB Percent	70%, 58%, 65%
CMY	0.2980, 0.4196, 0.3490
CMYK	0.00, 0.17, 0.07, 0.30
HSL	325°, 17%, 64%
HSV	325°, 17%, 70%
XYZ	36.0632, 33.5167, 40.6450
YIQ	159.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

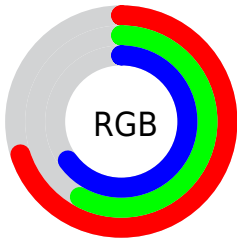
Format	Color
RYB	179, 148, 166
Decimal	11768998
CIELab	64.58, 14.66, -5.08
CIELCh	65, 15.515, 340.890
Yxy	33.5167, 0.3272, 0.3041
Android (android.graphics.Color)	4289959078 (0xFFB394A6)
YUV	159.3210, 3.2927, 17.2585
Hunter-Lab	57.8936, 9.8778, -1.0998

Details

The XYZ color **36.0632, 33.5167, 40.6450** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7672, 41.1101, 39.8227**, and the grayscale version is **33.0837, 34.8066, 37.9044**.

A 20% lighter version of the original color is **68.4326, 65.1237, 77.3700**, and **15.9161, 14.1999, 17.8216** is the 20% darker color. If you saturate the color by 10%, you get **32.8012, 28.0625, 36.2588**, and if you desaturate by 10%, it is **39.8015, 39.8583, 45.3891**.

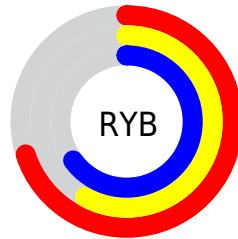
Distribution



Red (70%)

Green (58%)

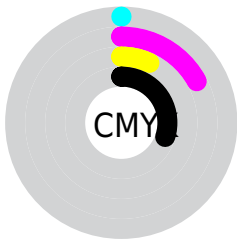
Blue (65%)



Red (70%)

Yellow (58%)

Blue (65%)

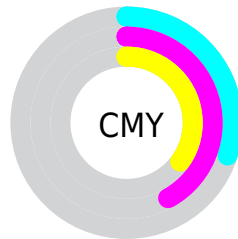


Cyan (0%)

Magenta (17%)

Yellow (7%)

Black (30%)



Cyan (30%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0632, 33.5167, 40.6450 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 36.0632, 33.5167, 40.6450 by changing the saturation by 10% instead.


 36.0632, 33.5167,
40.6450


 36.0632, 33.5167,
40.6450

320.6631,
317.9716, 364.4673

 24.6533, 22.5226,
27.7242


 68.4528, 65.1814,
77.3925

 15.9463, 14.2414,
17.8806

 90.1633, 86.6207,
102.0563

 9.5768, 8.2887,
10.6958


116.0381,
112.3106, 131.4715

 5.1794, 4.2803,
5.7511

146.4424,
142.6354, 166.0566

 2.3887, 1.8315,
2.6280

181.7418,
177.9795, 206.2302

 0.8395, 0.5067,
0.9068

222.3014,

 0.0000, 0.0000,

218.7273, 252.4108

0.0000

268.4867,
265.2632, 305.0170

■ 36.0632, 33.5167,
40.6450

■ 36.0632, 33.5167,
40.6450

■ 32.8012, 28.0625,
36.2588

■ 39.8015, 39.8583,
45.3891

■ 29.9921, 23.4512,
32.2182

■ 44.0325, 47.1204,
50.4987

■ 27.6147, 19.6411,
28.5130

■ 48.7754, 55.3398,
55.9838

■ 25.6449, 16.5853,
25.1318

■ 54.0473, 64.5498,
61.8531

■ 24.0561, 14.2318,
22.0620

■ 59.8647, 74.7823,
68.1153

■ 22.8185, 12.5218,
19.2898

■ 66.1140, 85.8092,
74.7354

■ 21.8972, 11.3873,
16.7999

■ 67.0777, 86.1947,
79.8105

■ 21.2413, 10.7275,
14.5713

■ 68.0861, 86.5980,
85.1203

■ 21.0856, 10.5818,
14.0088

■ 69.1395, 87.0194,
90.6677

Harmonies

Analogous

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



34.7338, 33.5167, 46.5393



36.0632, 33.5167, 40.6450



36.2355, 33.5167, 34.2325

Triad

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



36.0632, 33.5167, 40.6450



31.0569, 33.5167, 25.7561



28.7370, 33.5167, 45.0970

Complementary

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



36.0632, 33.5167, 40.6450



34.7672, 41.1101, 39.8227

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.



27.8455, 33.5167, 38.8529



36.0632, 33.5167, 40.6450



29.1429, 33.5167, 28.0094

Square

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



36.0632, 33.5167, 40.6450



33.2748, 33.5167, 26.1174



27.9906, 33.5167, 32.6357



30.4793, 33.5167, 49.3088

Rectangle

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



36.0632, 33.5167, 40.6450



35.6625, 33.5167, 30.5700



27.9906, 33.5167, 32.6357



28.3316, 33.5167, 43.1377

Sweetspot

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



36.0642, 33.5182, 40.6457



72.8963, 74.1420, 83.2750



33.4091, 32.0046, 47.0648



16.0379, 16.2341, 18.3119



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.



36.0642, 33.5182, 40.6457



62.1293, 55.8970, 69.5461



34.7336, 32.9860, 33.6391



8.6963, 8.5852, 9.8991



14.9330, 7.4908, 10.0731



0.4982, 0.2470, 0.4661

Inverse Universe

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



36.0642, 33.5182, 40.6457



62.1293, 55.8970, 69.5461



36.2116, 41.6879, 47.4293



8.6963, 8.5852, 9.8991



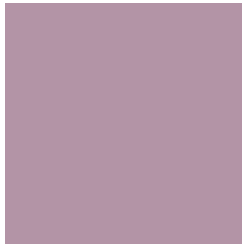
14.9330, 7.4908, 10.0731



0.4982, 0.2470, 0.4661

Previews

White Background



This preview shows how the XYZ color 36.0632, 33.5167, 40.6450 looks on a white background.

Color Contrast Check

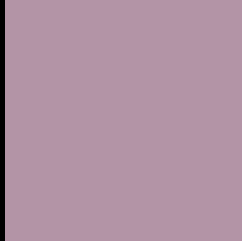
Large Text (above 18pt) WCAG AA × Fail

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 36.0632, 33.5167, 40.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

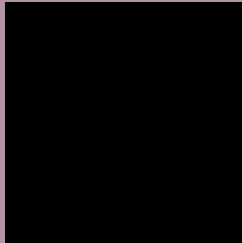
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0632, 33.5167, 40.6450

Background



This preview shows how black text looks on a background with the XYZ color 36.0632, 33.5167, 40.6450.



This preview shows how white text looks on a background with the XYZ color 36.0632, 33.5167,

40.6450.

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

36.0632, 33.5167, 40.6450

Protanopia

32.7567, 33.6858, 43.3036

Deuteranopia

34.1682, 33.4979, 40.2622



Tritanopia

35.5406, 33.5331, 38.3176

Trichromacy



Original Color

36.0632, 33.5167, 40.6450

Protanomaly

33.8625, 33.5396, 42.2252

Deuteranomaly

34.8714, 33.6205, 40.2488

Tritanomaly

35.7184, 33.6042, 39.2540

Monochromacy



Original Color

36.0632, 33.5167, 40.6450

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.9688, 34.1583, 38.9853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0632, 33.5167, 40.6450 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(179, 148, 166)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 166)  
}
```

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(179, 148, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.0632, 33.5167, 40.6450 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(179, 148, 166) }
```


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

```
.border{ border-color:rgb(179, 148, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 148, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 166);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0632, 33.5167, 40.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 166) }
```

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

```
.background{ background-color: rgb(179,  
148, 166) }
```

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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