

Converting Colors

XYZ(35.3747, 32.6595, 35.7411)

Have a look what the booklet for
XYZ(35.3747, 32.6595, 35.7411)
contains.

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Color

**XYZ(35.4176, 32.5962,
35.8775)**

Conversions

Conversions Part 1

Format	Color
Hex	B6919C
RGB	182, 145, 156
RGB Percent	71%, 57%, 61%
CMY	0.2863, 0.4314, 0.3882
CMYK	0.00, 0.20, 0.14, 0.29
HSL	342°, 20%, 64%
HSV	342°, 20%, 71%
XYZ	35.4176, 32.5962, 35.8775
YIQ	157.3170, 18.5210, 11.2650

Conversions

Conversions Part 2

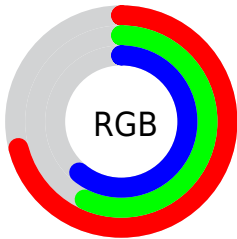
Format	Color
RYB	182, 145, 156
Decimal	11964828
CIELab	63.83, 15.70, -0.50
CIElCh	64, 15.704, 358.187
Yxy	32.5962, 0.3409, 0.3138
Android (android.graphics.Color)	4290154908 (0xFFB6919C)
YUV	157.3170, -0.6493, 21.6470
Hunter-Lab	57.0931, 10.8193, 2.7071

Details

The XYZ color **35.4176, 32.5962, 35.8775** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7570, 42.4168, 44.8328**, and the grayscale version is **32.1883, 33.8646, 36.8786**.

A 20% lighter version of the original color is **67.3162, 63.6771, 69.7157**, and **15.6058, 13.6925, 15.1850** is the 20% darker color. If you saturate the color by 10%, you get **31.8296, 27.0630, 29.6164**, and if you desaturate by 10%, it is **39.5670, 39.0690, 42.8892**.

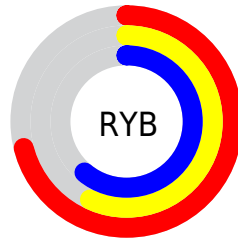
Distribution



Red (71%)

Green (57%)

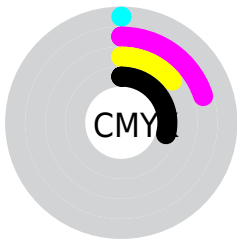
Blue (61%)



Red (71%)

Yellow (57%)

Blue (61%)

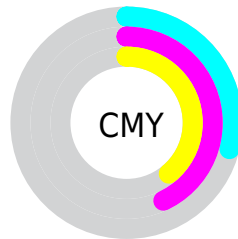


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (43%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4176, 32.5962, 35.8775 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 35.4176, 32.5962, 35.8775 by changing the saturation by 10% instead.

 35.4176, 32.5962,
35.8775


 35.4176, 32.5962,
35.8775


317.8836,
313.8262, 343.4460

 24.1528, 21.8173,
24.0507


 67.4620, 63.7446,
70.0099

 15.5723, 13.7227,
15.1587


 88.9722, 84.8828,
93.1525

 9.3110, 7.9281,
8.7830


114.6283,
110.2430, 120.9041

 5.0033, 4.0489,
4.5050

144.7955,
140.2095, 153.6832

 2.2840, 1.7010,
1.9063

179.8393,
175.1666, 191.9084

 0.7864, 0.4243,
0.4967

220.1250,

 0.0000, 0.0000,

215.4989, 235.9983

0.0000

266.0180,
261.5906, 286.3713

■ 35.4176, 32.5962,
35.8775

■ 35.4176, 32.5962,
35.8775

■ 31.8296, 27.0630,
29.6164

■ 39.5670, 39.0690,
42.8892

■ 28.7757, 22.4212,
24.0784

■ 44.2982, 46.5178,
50.6738

■ 26.2300, 18.6251,
19.2370

■ 49.6339, 54.9826,
59.2551

■ 24.1637, 15.6230,
15.0634

■ 55.5948, 64.4997,
68.6553

■ 22.5449, 13.3575,
11.5265

■ 62.2005, 75.1037,
78.8956

■ 21.3373, 11.7634,
8.5926

■ 69.4698, 86.8275,
89.9966

■ 20.4988, 10.7640,
6.2242

■ 71.6147, 88.0904,
100.0426

■ 19.9597, 10.2124,
4.4212

■ 73.1016, 88.6852,
107.8728

Harmonies

Analogous

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



34.7278, 32.5962, 42.2884



35.4176, 32.5962, 35.8775



34.8728, 32.5962, 30.0574

Triad

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



35.4176, 32.5962, 35.8775



29.0210, 32.5962, 25.8251



28.7991, 32.5962, 46.8478

Complementary

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



35.4176, 32.5962, 35.8775



35.7570, 42.4168, 44.8328

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.



27.3914, 32.5962, 41.5445



35.4176, 32.5962, 35.8775



27.5152, 32.5962, 29.4654

Square

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



35.4176, 32.5962, 35.8775



31.1161, 32.5962, 24.6819



26.9326, 32.5962, 35.1087



30.8477, 32.5962, 49.0707

Rectangle

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



35.4176, 32.5962, 35.8775



33.8966, 32.5962, 27.1857



26.9326, 32.5962, 35.1087



28.2389, 32.5962, 45.3375

Sweetspot

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



35.4185, 32.5977, 35.8782



75.2276, 76.3179, 83.5478



35.3429, 32.2765, 48.6237



16.4944, 16.6659, 18.2534



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.



35.4185, 32.5977, 35.8782



61.4391, 54.8056, 60.2547



35.6967, 34.5774, 31.5825



9.1115, 9.0550, 9.9347



14.1212, 7.2222, 3.2589



0.5259, 0.2659, 0.2630

Inverse Universe

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



35.4185, 32.5977, 35.8782



61.4391, 54.8056, 60.2547



35.3740, 39.9026, 50.0940



9.1115, 9.0550, 9.9347



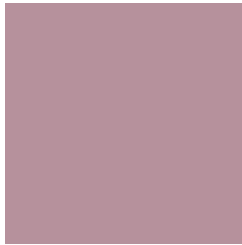
14.1212, 7.2222, 3.2589



0.5259, 0.2659, 0.2630

Previews

White Background



This preview shows how the XYZ color 35.4176, 32.5962, 35.8775 looks on a white background.

Color Contrast Check

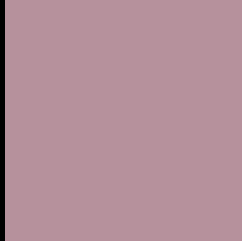
Large Text (above 18pt) WCAG AA × Fail

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 35.4176, 32.5962, 35.8775 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 35.4176, 32.5962, 35.8775

Background



This preview shows how black text looks on a background with the XYZ color 35.4176, 32.5962, 35.8775.



This preview shows how white text looks on a background with the XYZ color 35.4176, 32.5962,

35.8775.

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

35.4176, 32.5962, 35.8775

Protanopia

31.6989, 32.7523, 38.3693

Deuteranopia

33.4003, 32.7253, 35.5666



Tritanopia

35.4176, 32.5962, 35.8775

Trichromacy



Original Color

35.4176, 32.5962, 35.8775

Protanomaly

32.8417, 32.6358, 37.3693

Deuteranomaly

33.9619, 32.5450, 35.5022

Tritanomaly

35.4176, 32.5962, 35.8775

Monochromacy



Original Color

35.4176, 32.5962, 35.8775

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.2029, 33.3238, 36.5804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4176, 32.5962, 35.8775 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(182, 145, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 145, 156)  
}
```

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(182, 145, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.4176, 32.5962, 35.8775 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(182, 145, 156) }
```


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

```
.border{ border-color:rgb(182, 145, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 145, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4176, 32.5962, 35.8775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 156) }
```

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

```
.background{ background-color: rgb(182,  
145, 156) }
```

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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