

Converting Colors

XYZ(35.4246, 34.7185, 18.1731)

Have a look what the booklet for
XYZ(35.4246, 34.7185, 18.1731)
contains.

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Color

**XYZ(35.2639, 34.5528,
18.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9869
RGB	191, 152, 105
RGB Percent	75%, 60%, 41%
CMY	0.2510, 0.4039, 0.5882
CMYK	0.00, 0.20, 0.45, 0.25
HSL	33°, 40%, 58%
HSV	33°, 45%, 75%
XYZ	35.2639, 34.5528, 18.1753
YIQ	158.3030, 38.3310, -6.3490

Conversions

Conversions Part 2

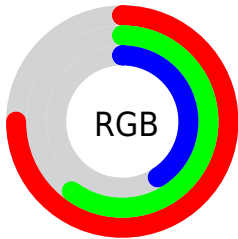
Format	Color
RYB	176, 191, 105
Decimal	12556393
CIELab	65.40, 8.42, 30.22
CIELCh	65, 31.374, 74.427
Yxy	34.5528, 0.4008, 0.3927
Android (android.graphics.Color)	4290746473 (0xFFBF9869)
YUV	158.3030, -26.2784, 28.6753
Hunter-Lab	58.7816, 4.2167, 22.8147

Details

The XYZ color **35.2639, 34.5528, 18.1753** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.2025, 26.7102, 53.1174**, and the grayscale version is **32.7412, 34.4463, 37.5120**.

A 20% lighter version of the original color is **67.2240, 66.7167, 41.2328**, and **15.5455, 14.8370, 5.9154** is the 20% darker color. If you saturate the color by 10%, you get **33.0358, 31.4952, 13.1213**, and if you desaturate by 10%, it is **37.8168, 37.9072, 24.4261**.

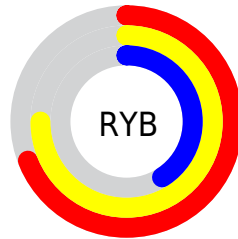
Distribution



Red (75%)

Green (60%)

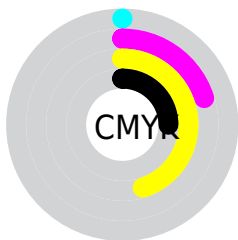
Blue (41%)



Red (69%)

Yellow (75%)

Blue (41%)

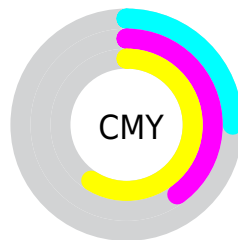


Cyan (0%)

Magenta (20%)

Yellow (45%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2639, 34.5528, 18.1753 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 35.2639, 34.5528, 18.1753 by changing the saturation by 10% instead.

 35.2639, 34.5528,
18.1753


 35.2639, 34.5528,
18.1753


317.2193,
322.5900, 254.1265


 24.0337, 23.3186,
10.9052


 67.2257, 66.7924,
41.1538


 15.4835, 14.8289,
5.8897

 88.6881, 88.5666,
57.6992

 9.2479, 8.6994,
2.7104


 114.2918,
114.6229, 78.1735

 4.9616, 4.5456,
0.9487

 144.4023,
145.3457, 102.9951

 2.2593, 1.9832,
0.0000

179.3850,
181.1194, 132.5827

 0.7737, 0.5977,
0.0000

219.6051,

 0.0000, 0.0000,

222.3285, 167.3548

0.0000

265.4281,
269.3572, 207.7299

■ 35.2639, 34.5528,
18.1753

■ 35.2639, 34.5528,
18.1753

■ 33.0358, 31.4952,
13.1213

■ 37.8168, 37.9072,
24.4261

■ 31.1129, 28.7191,
9.1825

■ 40.7078, 41.5631,
31.9436

■ 29.4770, 26.2150,
6.2705

■ 43.9520, 45.5313,
40.7949

■ 28.1063, 23.9704,
4.2821

■ 47.5632, 49.8203,
51.0417

■ 26.9748, 21.9710,
3.0919

■ 51.5540, 54.4384,
62.7417

■ 26.4759, 21.0565,
2.6689

■ 55.9367, 59.3934,
75.9495

■ 60.7228, 64.6929,
90.7167

■ 65.4688, 70.1624,
104.6999

■ 67.8188, 74.8624,
105.4832

Harmonies

Analogous

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



39.5434, 34.5528, 22.5799



35.2639, 34.5528, 18.1753



30.6950, 34.5528, 18.0949

Triad

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



35.2639, 34.5528, 18.1753



25.0267, 34.5528, 44.2649



39.4025, 34.5528, 58.6708

Complementary

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



35.2639, 34.5528, 18.1753



25.2025, 26.7102, 53.1174

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.



35.0856, 34.5528, 67.7301



35.2639, 34.5528, 18.1753



26.9429, 34.5528, 58.1919

Square

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



35.2639, 34.5528, 18.1753



25.0648, 34.5528, 31.2466



30.5325, 34.5528, 67.5368



42.0800, 34.5528, 44.8107

Rectangle

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



35.2639, 34.5528, 18.1753



28.1082, 34.5528, 20.4118



30.5325, 34.5528, 67.5368



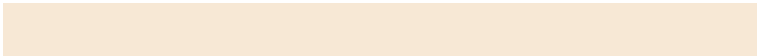
38.0782, 34.5528, 62.5078

Sweetspot

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



35.2648, 34.5544, 18.1760



79.2138, 82.1431, 74.4455



31.6587, 23.2282, 29.6572



17.1012, 17.6840, 15.5312



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



35.2648, 34.5544, 18.1760



59.2309, 56.4974, 23.6376



41.9525, 48.9897, 20.6098



9.9506, 10.3772, 10.0552



17.4810, 14.0008, 1.7811



0.7493, 0.6776, 0.0913

Inverse Universe

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



25.2025, 26.7102, 53.1174



38.9565, 40.7056, 94.0829



20.6240, 17.0449, 51.4931



9.3632, 9.9187, 12.0932



8.4774, 7.0665, 33.3101



0.3974, 0.4076, 1.3266

Previews

White Background



This preview shows how the XYZ color 35.2639, 34.5528, 18.1753 looks on a white background.

Color Contrast Check

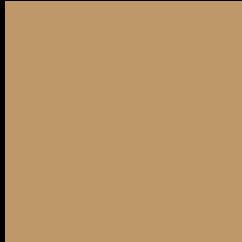
Large Text (above 18pt) WCAG AA × Fail

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 35.2639, 34.5528, 18.1753 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 35.2639, 34.5528, 18.1753

Background



This preview shows how black text looks on a background with the XYZ color 35.2639, 34.5528, 18.1753.



This preview shows how white text looks on a background with the XYZ color 35.2639, 34.5528,

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

35.2639, 34.5528, 18.1753

Protanopia

32.1182, 34.6496, 19.1826

Deuteranopia

35.2639, 34.5528, 18.1753



Tritanopia

38.9762, 34.4209, 36.4879

Trichromacy



Original Color

35.2639, 34.5528, 18.1753

Protanomaly

33.1327, 34.4222, 18.8078

Deuteranomaly

35.2639, 34.5528, 18.1753

Tritanomaly

37.4255, 34.4841, 28.7283

Monochromacy



Original Color

35.2639, 34.5528, 18.1753

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1262, 34.1871, 29.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2639, 34.5528, 18.1753 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(191, 152, 105)` looks like.

```
.text, #text, p{  
    color:rgb(191, 152, 105)  
}
```

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(191, 152, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 152, 105) }
```

Border

The CSS property to change the border of an element to XYZ 35.2639, 34.5528, 18.1753 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(191, 152, 105) }
```


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

```
.border{ border-color:rgb(191, 152, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 152, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 152, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 152, 105);  
box-shadow:4px 4px 4px 4px rgb(191, 152,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2639, 34.5528, 18.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 152, 105) }
```

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

```
.background{ background-color: rgb(191,  
152, 105) }
```

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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