

Converting Colors

XYZ(32.9514, 35.0561, 18.6173)

Have a look what the booklet for
XYZ(32.9514, 35.0561, 18.6173)
contains.

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Color

**XYZ(32.9042, 35.0670,
18.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	B09F6A
RGB	176, 159, 106
RGB Percent	69%, 62%, 42%
CMY	0.3098, 0.3765, 0.5843
CMYK	0.00, 0.10, 0.40, 0.31
HSL	45°, 31%, 55%
HSV	45°, 40%, 69%
XYZ	32.9042, 35.0670, 18.6700
YIQ	158.0410, 27.1450, -12.8790

Conversions

Conversions Part 2

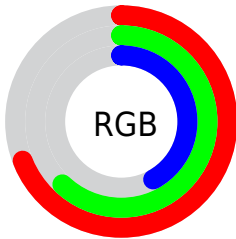
Format	Color
RYB	128, 176, 106
Decimal	11575146
CIELab	65.80, -1.51, 29.92
CIELCh	66, 29.963, 92.886
Yxy	35.0670, 0.3798, 0.4047
Android (android.graphics.Color)	4289765226 (0xFFB09F6A)
YUV	158.0410, -25.6562, 15.7500
Hunter-Lab	59.2174, -4.4468, 22.7593

Details

The XYZ color **32.9042, 35.0670, 18.6700** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.8631, 20.3641, 43.9055**, and the grayscale version is **32.6229, 34.3218, 37.3764**.

A 20% lighter version of the original color is **63.8224, 67.8854, 42.0871**, and **14.1523, 15.1682, 6.1848** is the 20% darker color. If you saturate the color by 10%, you get **31.3594, 33.2947, 14.0937**, and if you desaturate by 10%, it is **34.6641, 36.9685, 24.2456**.

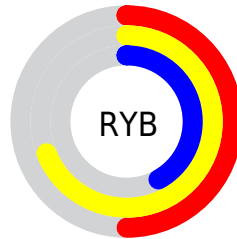
Distribution



Red (69%)

Green (62%)

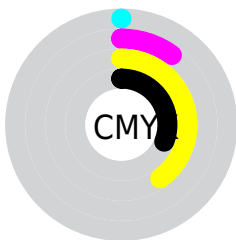
Blue (42%)



Red (50%)

Yellow (69%)

Blue (42%)

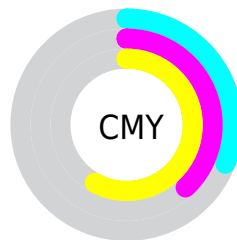


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9042, 35.0670, 18.6700 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 32.9042, 35.0670, 18.6700 by changing the saturation by 10% instead.

■ 32.9042, 35.0670,
18.6700

■ 32.9042, 35.0670,
18.6700

306.8905,
324.8640, 256.9826

■ 22.2119, 23.7145,
11.2577

■ 63.5816, 67.5895,
42.0050

■ 14.1302, 15.1220,
6.1241

■ 84.2975, 89.5284,
58.7647

■ 8.2936, 8.9050,
2.8507

■ 109.0853,
115.7648, 79.4773

■ 4.3368, 4.6793,
1.0189

■ 138.3103,
146.6831, 104.5614

■ 1.8944, 2.0603,
0.0000

172.3380,
182.6678, 134.4354

■ 0.5736, 0.6422,
0.0000

211.5337,

■ 0.0000, 0.0000,

224.1033, 169.5179

0.0000

256.2627,
271.3738, 210.2274

■ 32.9042, 35.0670,
18.6700

■ 32.9042, 35.0670,
18.6700

■ 31.3594, 33.2947,
14.0937

■ 34.6641, 36.9685,
24.2456

■ 30.0151, 31.6417,
10.4534

■ 36.6472, 38.9990,
30.8741

■ 28.8592, 30.1038,
7.6821

■ 38.8645, 41.1647,
38.6079

■ 27.8768, 28.6747,
5.7028

■ 41.3253, 43.4696,
47.4954

■ 27.0504, 27.3471,
4.4251

■ 44.0386, 45.9178,
57.5818

■ 26.3443, 26.1062,
3.6620

■ 47.0126, 48.5128,
68.9103

■ 26.3287, 26.0785,
3.6460

■ 50.2555, 51.2583,
81.5216

■ 53.7746, 54.1577,
95.4546

■ 56.0264, 56.5937,
102.5785

Harmonies

Analogous

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



37.3547, 35.0670, 20.3593



32.9042, 35.0670, 18.6700



28.9261, 35.0670, 21.1755

Triad

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



32.9042, 35.0670, 18.6700



26.6918, 35.0670, 52.9777



41.4798, 35.0670, 50.3817

Complementary

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



32.9042, 35.0670, 18.6700



20.8631, 20.3641, 43.9055

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.



38.1599, 35.0670, 62.4799



32.9042, 35.0670, 18.6700



29.6055, 35.0670, 64.1966

Square

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



32.9042, 35.0670, 18.6700



25.5437, 35.0670, 39.4202



33.7597, 35.0670, 68.0075



42.5570, 35.0670, 36.9700

Rectangle

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



32.9042, 35.0670, 18.6700



27.0031, 35.0670, 25.3000



33.7597, 35.0670, 68.0075



40.5755, 35.0670, 54.8287

Sweetspot

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



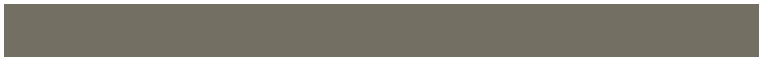
32.9051, 35.0686, 18.6707



69.4666, 73.6784, 66.4124



26.6654, 20.9812, 21.5482



14.9425, 15.8588, 13.9991



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.9051, 35.0686, 18.6707



57.1208, 60.6759, 26.2610



32.3262, 39.4114, 19.5395



9.0188, 9.5501, 9.0205



19.3652, 19.2289, 2.6909



0.6515, 0.6893, 0.0987

Inverse Universe

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



20.8631, 20.3641, 43.9055



32.1596, 30.2157, 78.6325



21.2310, 17.6910, 43.3701



8.2040, 8.5542, 10.7251



6.4160, 3.6323, 30.4999



0.2481, 0.2068, 0.9751

Previews

White Background



This preview shows how the XYZ color 32.9042, 35.0670, 18.6700 looks on a white background.

Color Contrast Check

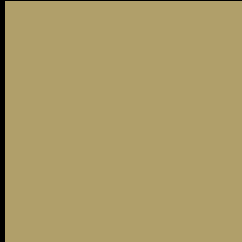
Large Text (above 18pt) WCAG AA × Fail

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 32.9042, 35.0670, 18.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

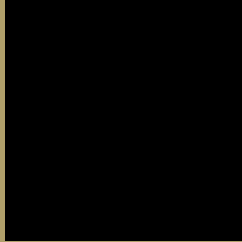
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9042, 35.0670, 18.6700

Background



This preview shows how black text looks on a background with the XYZ color 32.9042, 35.0670, 18.6700.

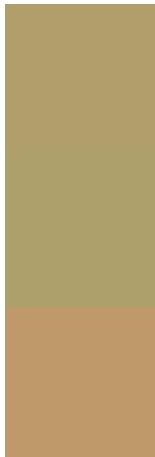


This preview shows how white text looks on a background with the XYZ color 32.9042, 35.0670,

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

32.9042, 35.0670, 18.6700

Protanopia

32.4059, 35.0665, 18.6962

Deuteranopia

35.7833, 35.0505, 18.7894



Tritanopia

37.2205, 35.0819, 39.9317

Trichromacy



Original Color

32.9042, 35.0670, 18.6700

Protanomaly

32.6279, 35.1809, 18.7066

Deuteranomaly

34.6249, 34.9433, 18.8297

Tritanomaly

35.5017, 35.1292, 30.8961

Monochromacy



Original Color

32.9042, 35.0670, 18.6700

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.4041, 34.3171, 29.3421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9042, 35.0670, 18.6700 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(176, 159, 106)` looks like.

```
.text, #text, p{  
    color:rgb(176, 159, 106)  
}
```

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(176, 159, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 159, 106) }
```

Border

The CSS property to change the border of an element to XYZ 32.9042, 35.0670, 18.6700 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(176, 159, 106) }
```


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

```
.border{ border-color:rgb(176, 159, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 159, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 159, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 159, 106);  
box-shadow:4px 4px 4px 4px rgb(176, 159,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9042, 35.0670, 18.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 159, 106) }
```

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

```
.background{ background-color: rgb(176,  
159, 106) }
```

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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