

Converting Colors

XYZ(32.6005, 29.5138, 16.5021)

Have a look what the booklet for
XYZ(32.6005, 29.5138, 16.5021)
contains.

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Color

**XYZ(32.6883, 29.6440,
16.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8866
RGB	191, 136, 102
RGB Percent	75%, 53%, 40%
CMY	0.2510, 0.4666, 0.6000
CMYK	0.00, 0.29, 0.47, 0.25
HSL	23°, 41%, 57%
HSV	23°, 47%, 75%
XYZ	32.6883, 29.6440, 16.5694
YIQ	148.5690, 43.6940, 1.0860

Conversions

Conversions Part 2

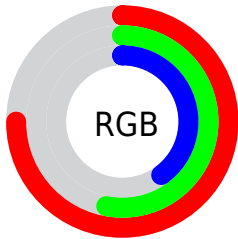
Format	Color
R_{YB}	191, 157, 102
Decimal	12552294
CIE Lab	61.35, 16.92, 26.58
CIE LCh	61, 31.509, 57.511
Yxy	29.6440, 0.4143, 0.3757
Android (android.graphics.Color)	4290742374 (0xFFBF8866)
YUV	148.5690, -22.9585, 37.2120
Hunter-Lab	54.4463, 11.8862, 20.0690

Details

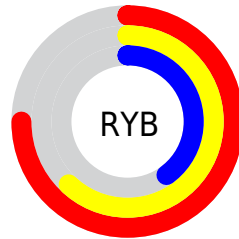
The XYZ color **32.6883, 29.6440, 16.5694** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.9399, 30.6991, 53.7957**, and the grayscale version is **28.4672, 29.9497, 32.6152**.

A 20% lighter version of the original color is **63.0143, 58.8348, 38.1720**, and **13.9853, 12.0728, 5.0832** is the 20% darker color. If you saturate the color by 10%, you get **30.2764, 26.1655, 11.6184**, and if you desaturate by 10%, it is **35.5030, 33.5788, 22.7319**.

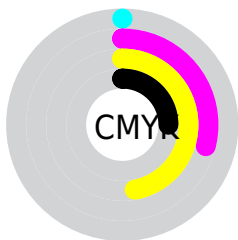
Distribution



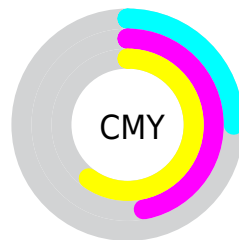
- Red (75%)
- Green (53%)
- Blue (40%)



- Red (75%)
- Yellow (62%)
- Blue (40%)



- Cyan (0%)
- Magenta (29%)
- Yellow (47%)
- Black (25%)




- Cyan (25%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6883, 29.6440, 16.5694 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 32.6883, 29.6440, 16.5694 by changing the saturation by 10% instead.


 32.6883, 29.6440,
16.5694


 32.6883, 29.6440,
16.5694


305.9327,
300.2415, 244.6380


 22.0459, 19.5685,
9.7693


 63.2465, 59.0987,
38.3644

 14.0074, 12.0818,
5.1426


 83.8930, 79.2468,
54.1963

 8.2075, 6.7994,
2.2710


 108.6049,
103.5211, 73.8759

 4.2810, 3.3370,
0.7149

 137.7475,
132.3062, 97.8217

 1.8623, 1.3101,
0.0000

171.6863,
165.9864, 126.4523

 0.5548, 0.1490,
0.0000

210.7865,

 0.0000, 0.0000,

204.9461, 160.1862

0.0000

255.4135,
249.5697, 199.4419

■ 32.6883, 29.6440,
16.5694

■ 32.6883, 29.6440,
16.5694

■ 30.2764, 26.1655,
11.6184

■ 35.5030, 33.5788,
22.7319

■ 28.2440, 23.1211,
7.7951

■ 38.7376, 37.9823,
30.1785

■ 26.5685, 20.4930,
5.0078

■ 42.4109, 42.8719,
38.9780

■ 25.2232, 18.2599,
3.1492

■ 46.5399, 48.2625,
49.1937

■ 24.1748, 16.3974,
2.0776

■ 51.1404, 54.1685,
60.8852

■ 23.8667, 15.8382,
1.7992

■ 56.2276, 60.6037,
74.1082

■ 61.8158, 67.5812,
88.9160

■ 67.9189, 75.1138,
105.3588

■ 71.3556, 81.9358,
106.6621

Harmonies

Analogous

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



35.8717, 29.6440, 22.8203



32.6883, 29.6440, 16.5694



28.5241, 29.6440, 14.3907

Triad

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



32.6883, 29.6440, 16.5694



20.9244, 29.6440, 31.2939



32.0294, 29.6440, 57.1188

Complementary

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



32.6883, 29.6440, 16.5694



26.9399, 30.6991, 53.7957

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.



27.8303, 29.6440, 60.9552



32.6883, 29.6440, 16.5694



21.6677, 29.6440, 44.0411

Square

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



32.6883, 29.6440, 16.5694



21.9602, 29.6440, 21.4817



24.0988, 29.6440, 55.6775



35.4657, 29.6440, 46.1922

Rectangle

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



32.6883, 29.6440, 16.5694



25.8397, 29.6440, 15.0055



24.0988, 29.6440, 55.6775



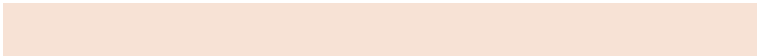
30.6485, 29.6440, 59.3820

Sweetspot

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



32.6890, 29.6454, 16.5700



77.6394, 78.9943, 73.9207



32.4405, 23.0606, 35.2550



16.7089, 16.8994, 15.4005



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.



32.6890, 29.6454, 16.5700



54.1103, 46.6935, 20.5820



40.0310, 44.3294, 19.0173



9.8209, 10.1179, 10.0120



15.7574, 10.5536, 1.2065



0.6809, 0.5407, 0.0685

Inverse Universe

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



26.9399, 30.6991, 53.7957



42.5158, 48.7517, 95.4483



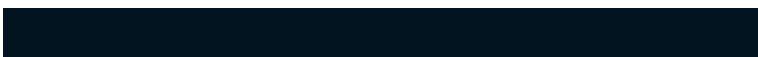
20.8860, 18.5913, 51.7778



9.4941, 10.1804, 12.1368



10.5193, 11.1504, 33.9907



0.4734, 0.5595, 1.3519

Previews

White Background



This preview shows how the XYZ color 32.6883, 29.6440, 16.5694 looks on a white background.

Color Contrast Check

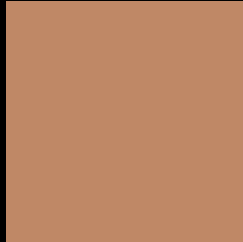
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6883, 29.6440, 16.5694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

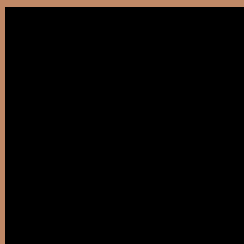
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6883, 29.6440, 16.5694

Background



This preview shows how black text looks on a background with the XYZ color 32.6883, 29.6440, 16.5694.



This preview shows how white text looks on a background with the XYZ color 32.6883, 29.6440,

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

32.6883, 29.6440, 16.5694

Protanopia

27.7410, 29.7149, 18.1834

Deuteranopia

30.3821, 29.7506, 16.4530



Tritanopia

35.1722, 29.6250, 29.0637

Trichromacy



Original Color

32.6883, 29.6440, 16.5694

Protanomaly

29.3176, 29.6244, 17.5375

Deuteranomaly

31.2555, 29.7630, 16.4094

Tritanomaly

34.2106, 29.6448, 23.9976

Monochromacy



Original Color

32.6883, 29.6440, 16.5694

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.4480, 29.5050, 25.9727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6883, 29.6440, 16.5694 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, 136, 102)` looks like.

```
.text, #text, p{  
    color:rgb(191, 136, 102)  
}
```

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, 136, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 136, 102) }
```

Border

The CSS property to change the border of an element to XYZ 32.6883, 29.6440, 16.5694 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, 136, 102) }
```


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

```
.border{ border-color:rgb(191, 136, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 136, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 136, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 136, 102); box-shadow:4px 4px 4px 4px rgb(191, 136, 102) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6883, 29.6440, 16.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 136, 102) }
```

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

```
.background{ background-color: rgb(191,  
136, 102) }
```

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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