

Converting Colors

XYZ(32.8534, 33.4471, 11.9329)

Have a look what the booklet for
XYZ(32.8534, 33.4471, 11.9329)
contains.

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Color

**XYZ(32.8531, 33.4456,
11.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	BA984E
RGB	186, 152, 78
RGB Percent	73%, 60%, 31%
CMY	0.2706, 0.4039, 0.6941
CMYK	0.00, 0.18, 0.58, 0.27
HSL	41°, 44%, 52%
HSV	41°, 58%, 73%
XYZ	32.8531, 33.4456, 11.9318
YIQ	153.7300, 44.0180, -15.8060

Conversions

Conversions Part 2

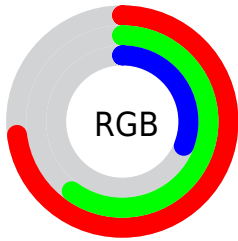
Format	Color
RYB	128, 186, 78
Decimal	12228686
CIELab	64.52, 3.83, 43.12
CIELCh	65, 43.290, 84.924
Yxy	33.4456, 0.4200, 0.4275
Android (android.graphics.Color)	4290418766 (0xFFBA984E)
YUV	153.7300, -37.3349, 28.3008
Hunter-Lab	57.8322, 0.1954, 28.2499

Details

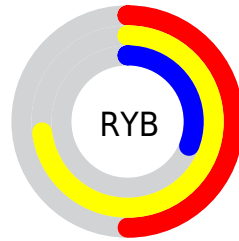
The XYZ color **32.8531, 33.4456, 11.9318** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.7988, 16.7526, 48.7498**, and the grayscale version is **30.7424, 32.3434, 35.2220**.

A 20% lighter version of the original color is **63.3420, 64.9607, 29.9691**, and **14.0692, 14.1370, 3.0858** is the 20% darker color. If you saturate the color by 10%, you get **31.3516, 31.3631, 8.5938**, and if you desaturate by 10%, it is **34.5917, 35.7006, 16.2799**.

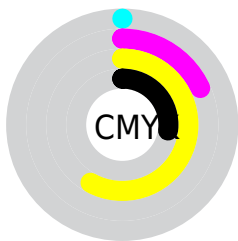
Distribution



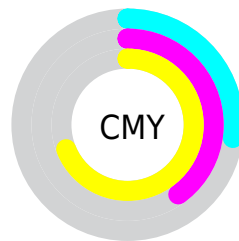
- Red (73%)
- Green (60%)
- Blue (31%)



- Red (50%)
- Yellow (73%)
- Blue (31%)



- Cyan (0%)
- Magenta (18%)
- Yellow (58%)
- Black (27%)



- Cyan (27%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8531, 33.4456, 11.9318 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 32.8531, 33.4456, 11.9318 by changing the saturation by 10% instead.

■ 32.8531, 33.4456,
11.9318

■ 32.8531, 33.4456,
11.9318

306.6640,
317.6529, 214.9151

■ 22.1726, 22.4680,
6.5753

■ 63.5023, 65.0706,
30.0334

■ 14.1011, 14.2012,
3.1235

■ 84.2018, 86.4868,
43.6155

■ 8.2732, 8.2607,
1.1581

■ 108.9716,
112.1514, 60.7766

■ 4.3235, 4.2622,
0.0000

■ 138.1772,
142.4486, 81.9351

■ 1.8867, 1.8213,
0.0000

■ 172.1839,
177.7630, 107.5097

■ 0.5691, 0.5004,
0.0000

211.3570,

■ 0.0000, 0.0000,

218.4789, 137.9189

0.0000

256.0619,
264.9807, 173.5812

■ 32.8531, 33.4456,
11.9318

■ 32.8531, 33.4456,
11.9318

■ 31.3516, 31.3631,
8.5938

■ 34.5917, 35.7006,
16.2799

■ 30.0677, 29.4404,
6.1776

■ 36.5802, 38.1304,
21.7126

■ 28.9825, 27.6700,
4.5826

■ 38.8330, 40.7430,
28.2993

■ 28.0652, 26.0385,
3.6502

■ 41.3628, 43.5445,
36.1035

■ 27.8975, 25.7348,
3.4970

■ 44.1812, 46.5407,
45.1837

■ 47.2991, 49.7368,
55.5946

■ 50.7271, 53.1379,
67.3878

■ 54.4748, 56.7490,
80.6122

■ 58.5517, 60.5746,
95.3142

Harmonies

Analogous

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



39.1264, 33.4456, 15.0461



32.8531, 33.4456, 11.9318



27.0351, 33.4456, 13.4353

Triad

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



32.8531, 33.4456, 11.9318



22.1759, 33.4456, 52.7423



42.5515, 33.4456, 59.7111

Complementary

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



32.8531, 33.4456, 11.9318



17.7988, 16.7526, 48.7498

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.



37.0700, 33.4456, 76.8706



32.8531, 33.4456, 11.9318



25.4316, 33.4456, 72.0169

Square

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



32.8531, 33.4456, 11.9318



21.3516, 33.4456, 33.4850



30.7482, 33.4456, 81.9810



45.1706, 33.4456, 39.5145

Rectangle

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



32.8531, 33.4456, 11.9318



24.1072, 33.4456, 17.2294



30.7482, 33.4456, 81.9810



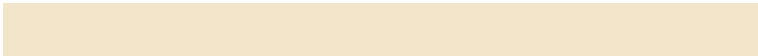
40.9507, 33.4456, 66.2549

Sweetspot

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



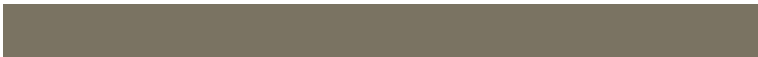
32.8539, 33.4472, 11.9325



75.3531, 79.3392, 66.6424



25.9100, 17.0625, 17.3158



16.3796, 17.2390, 13.9996



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.8539, 33.4472, 11.9325



56.0658, 55.7384, 14.0506



34.7020, 43.7965, 13.8327



9.5053, 10.0136, 9.5387



18.8381, 17.4525, 2.3758



0.7169, 0.7208, 0.1013

Inverse Universe

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



17.7988, 16.7526, 48.7498



26.2553, 22.7649, 87.2117



16.6031, 11.5799, 47.8143



8.7456, 9.1685, 11.3882



7.0595, 4.5786, 31.7648



0.3060, 0.2758, 1.1388

Previews

White Background



This preview shows how the XYZ color 32.8531, 33.4456, 11.9318 looks on a white background.

Color Contrast Check

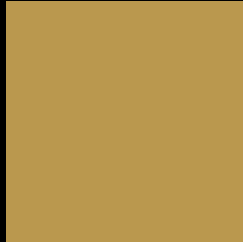
Large Text (above 18pt) WCAG AA × Fail

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 32.8531, 33.4456, 11.9318 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 32.8531, 33.4456, 11.9318

Background



This preview shows how black text looks on a background with the XYZ color 32.8531, 33.4456, 11.9318.



This preview shows how white text looks on a background with the XYZ color 32.8531, 33.4456,

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

32.8531, 33.4456, 11.9318

Protanopia

30.7385, 33.5774, 12.4504

Deuteranopia

34.1510, 33.3969, 12.0434



Tritanopia

37.3934, 33.1845, 35.0062

Trichromacy



Original Color

32.8531, 33.4456, 11.9318

Protanomaly

31.4927, 33.4722, 12.1981

Deuteranomaly

33.5528, 33.3244, 12.0610

Tritanomaly

35.2800, 33.0113, 24.2510

Monochromacy



Original Color

32.8531, 33.4456, 11.9318

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.8830, 32.3958, 24.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8531, 33.4456, 11.9318 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(186, 152, 78)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 78)  
}
```

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(186, 152, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 78) }
```

Border

The CSS property to change the border of an element to XYZ 32.8531, 33.4456, 11.9318 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(186, 152, 78) }
```


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

```
.border{ border-color:rgb(186, 152, 78) }
```

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

Here you see how a box with a 4 pixel rgb(186, 152, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 78);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8531, 33.4456, 11.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 78) }
```

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

```
.background{ background-color: rgb(186,  
152, 78) }
```

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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