

Converting Colors

XYZ(34.6669, 32.1632, 27.6735)

Have a look what the booklet for
XYZ(34.6669, 32.1632, 27.6735)
contains.

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Color

**XYZ(34.6669, 32.1632,
27.6735)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9088
RGB	186, 144, 136
RGB Percent	73%, 56%, 53%
CMY	0.2706, 0.4353, 0.4667
CMYK	0.00, 0.23, 0.27, 0.27
HSL	10°, 27%, 63%
HSV	10°, 27%, 73%
XYZ	34.6669, 32.1632, 27.6735
YIQ	155.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

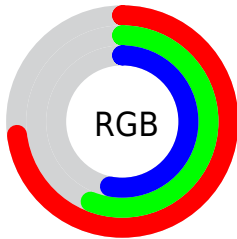
Format	Color
R _Y B	186, 146, 136
Decimal	12226696
CIE Lab	63.48, 14.67, 10.34
CIE LCh	63, 17.947, 35.194
Yxy	32.1632, 0.3668, 0.3403
Android (android.graphics.Color)	4290416776 (0xFFBA9088)
YUV	155.6460, -9.6855, 26.6205
Hunter-Lab	56.7126, 9.8652, 10.7677

Details

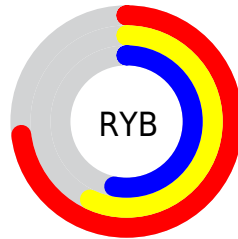
The XYZ color **34.6669, 32.1632, 27.6735** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.9362, 40.6190, 52.4535**, and the grayscale version is **31.4761, 33.1153, 36.0626**.

A 20% lighter version of the original color is **66.3415, 63.1170, 56.8303**, and **15.1098, 13.4061, 10.5954** is the 20% darker color. If you saturate the color by 10%, you get **31.2534, 27.2712, 20.5701**, and if you desaturate by 10%, it is **38.6390, 37.8049, 36.0956**.

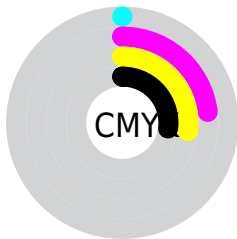
Distribution



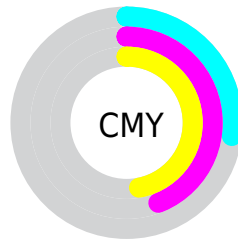
- Red (73%)
- Green (56%)
- Blue (53%)



- Red (73%)
- Yellow (57%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (27%)
- Black (27%)



- Cyan (27%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6669, 32.1632, 27.6735 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 34.6669, 32.1632, 27.6735 by changing the saturation by 10% instead.


 34.6669, 32.1632,
27.6735


 34.6669, 32.1632,
27.6735


314.6294,
311.8620, 304.7662


 23.5717, 21.4862,
17.8428


 66.3068, 63.0668,
56.9796

 15.1392, 13.4798,
10.6689


 87.5823, 84.0623,
77.2920

 9.0041, 7.7598,
5.7333


 112.9819,
109.2659, 101.9354

 4.8010, 3.9416,
2.6174

142.8710,
139.0623, 131.3283

 2.1645, 1.6410,
0.9014

177.6150,
173.8357, 165.8893

 0.7239, 0.3850,
0.0000

217.5791,

 0.0000, 0.0000,

213.9705, 206.0370

0.0000

263.1288,
259.8511, 252.1897

■ 34.6669, 32.1632,
27.6735

■ 34.6669, 32.1632,
27.6735

■ 31.2534, 27.2712,
20.5701

■ 38.6390, 37.8049,
36.0956

■ 28.3707, 23.0928,
14.7166

■ 43.1908, 44.2214,
45.8965

■ 25.9925, 19.5960,
10.0409

■ 48.3452, 51.4422,
57.1350

■ 24.0892, 16.7442,
6.4625

■ 54.1234, 59.4937,
69.8660

■ 22.6277, 14.4973,
3.8912

■ 60.5454, 68.4015,
84.1414

■ 21.5710, 12.8110,
2.2220

■ 67.6303, 78.1898,
100.0106

■ 20.8722, 11.6332,
1.3119

■ 73.5398, 88.1392,
107.7443

■ 20.7084, 11.3563,
1.1005

■ 74.0598, 89.1791,
107.9177

Harmonies

Analogous

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



35.6089, 32.1632, 33.7894



34.6669, 32.1632, 27.6735



32.6305, 32.1632, 23.9562

Triad

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



34.6669, 32.1632, 27.6735



26.4131, 32.1632, 29.5588



31.0071, 32.1632, 50.5885

Complementary

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



34.6669, 32.1632, 27.6735



34.9362, 40.6190, 52.4535

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.



28.5984, 32.1632, 49.0541



34.6669, 32.1632, 27.6735



26.0307, 32.1632, 36.2807

Square

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



34.6669, 32.1632, 27.6735



27.8839, 32.1632, 24.9363



26.8096, 32.1632, 43.5642



33.4236, 32.1632, 47.5112

Rectangle

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



34.6669, 32.1632, 27.6735



30.9745, 32.1632, 23.0206



26.8096, 32.1632, 43.5642



30.1694, 32.1632, 50.5988

Sweetspot

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



34.6678, 32.1647, 27.6742



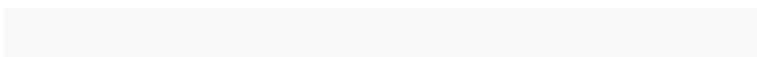
77.1944, 78.6198, 80.8267



37.1403, 31.2823, 46.4640



16.7133, 16.9108, 17.1808



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.



34.6678, 32.1647, 27.6742



59.2204, 53.1276, 42.6020



38.7890, 40.4072, 29.0479



9.1177, 9.2383, 9.4095



13.9689, 7.7141, 0.7527



0.5290, 0.3451, 0.0387

Inverse Universe

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



34.9362, 40.6190, 52.4535



59.7781, 70.9014, 94.7361



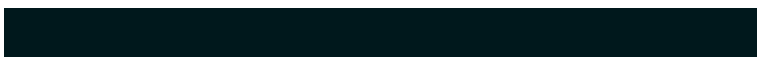
30.4898, 31.7263, 50.9714



9.1410, 9.9592, 11.5200



14.0321, 18.5239, 34.0890



0.5278, 0.7193, 1.2128

Previews

White Background



This preview shows how the XYZ color 34.6669, 32.1632, 27.6735 looks on a white background.

Color Contrast Check

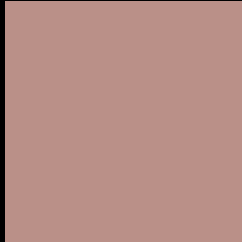
Large Text (above 18pt) WCAG AA × Fail

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 34.6669, 32.1632, 27.6735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

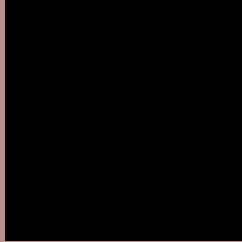
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6669, 32.1632, 27.6735

Background



This preview shows how black text looks on a background with the XYZ color 34.6669, 32.1632, 27.6735.



This preview shows how white text looks on a background with the XYZ color 34.6669, 32.1632,

27.6735.

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

34.6669, 32.1632, 27.6735

Protanopia

30.6962, 32.1791, 29.7926

Deuteranopia

32.8676, 32.1592, 27.3967



Tritanopia

36.0795, 32.3044, 34.0395

Trichromacy



Original Color

34.6669, 32.1632, 27.6735

Protanomaly

31.9287, 32.1118, 28.9415

Deuteranomaly

33.6293, 32.3200, 27.3876

Tritanomaly

35.5043, 32.2850, 31.5545

Monochromacy



Original Color

34.6669, 32.1632, 27.6735

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5894, 32.8419, 33.0552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6669, 32.1632, 27.6735 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, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(186, 144, 136)  
}
```

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, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 144, 136) }
```

Border

The CSS property to change the border of an element to XYZ 34.6669, 32.1632, 27.6735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

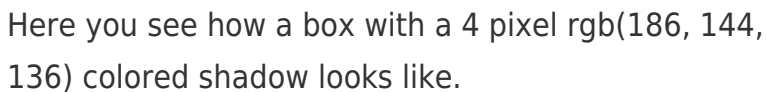
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 144, 136) }
```


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

```
.border{ border-color:rgb(186, 144, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 144, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 144, 136); box-shadow:4px 4px 4px 4px rgb(186, 144, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6669, 32.1632, 27.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 144, 136) }
```

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

```
.background{ background-color: rgb(186,  
144, 136) }
```

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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