

Converting Colors

XYZ(34.6295, 36.6320, 29.8856)

Have a look what the booklet for
XYZ(34.6295, 36.6320, 29.8856)
contains.

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Color

**XYZ(34.8441, 36.8585,
30.0889)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ACA38C |
| RGB | 172, 163, 140 |
| RGB Percent | 67%, 64%, 55% |
| CMY | 0.3255, 0.3608, 0.4510 |
| CMYK | 0.00, 0.05, 0.19, 0.33 |
| HSL | 43°, 16%, 61% |
| HSV | 43°, 19%, 67% |
| XYZ | 34.8441, 36.8585, 30.0889 |
| YIQ | 163.0690, 12.7470, -5.2450 |

Conversions

Conversions Part 2

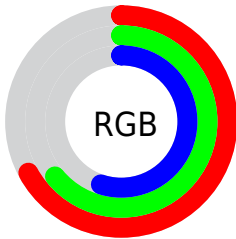
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 153, 172, 140 |
| Decimal | 11314060 |
| CIE Lab | 67.17, -0.65, 13.13 |
| CIE LCh | 67, 13.143, 92.814 |
| Yxy | 36.8585, 0.3423, 0.3621 |
| Android (android.graphics.Color) | 4289504140 (0xFFACA38C) |
| YUV | 163.0690, -11.3730, 7.8325 |
| Hunter-Lab | 60.7112, -3.7977, 13.1133 |

Details

The XYZ color **34.8441, 36.8585, 30.0889** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0090, 30.0483, 43.3010**, and the grayscale version is **34.8940, 36.7112, 39.9785**.

A 20% lighter version of the original color is **66.8039, 70.5318, 61.1320**, and **15.1377, 16.0290, 11.9689** is the 20% darker color. If you saturate the color by 10%, you get **32.8318, 34.7071, 23.6425**, and if you desaturate by 10%, it is **37.0895, 39.1581, 37.5920**.

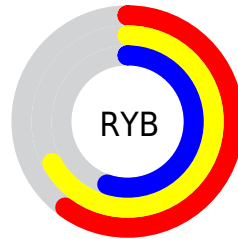
Distribution



Red (67%)

Green (64%)

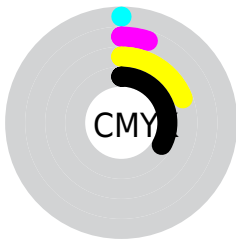
Blue (55%)



Red (60%)

Yellow (67%)

Blue (55%)

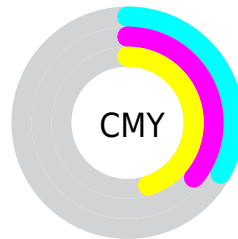


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8441, 36.8585, 30.0889 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 34.8441, 36.8585, 30.0889 by changing the saturation by 10% instead.

■ 34.8441, 36.8585,
30.0889

■ 34.8441, 36.8585,
30.0889

315.3997,
332.6975, 316.5388

■ 23.7088, 25.0980,
19.6535

■ 66.5798, 70.3551,
60.8654

■ 15.2413, 16.1500,
11.9618

■ 87.9109, 92.8600,
82.0435

■ 9.0763, 9.6304,
6.5955

■ 113.3712,
119.7150, 107.6397

■ 4.8485, 5.1546,
3.1358

143.3262,
151.3047, 138.0723

■ 2.1925, 2.3383,
1.1644

178.1412,
188.0134, 173.7600

■ 0.7388, 0.7938,
0.0000

218.1816,

■ 0.0000, 0.0000,

230.2255, 215.1213

0.0000

263.8126,
278.3254, 262.5747

■ 34.8441, 36.8585,
30.0889

■ 34.8441, 36.8585,
30.0889

■ 32.8318, 34.7071,
23.6425

■ 37.0895, 39.1581,
37.5920

■ 31.0400, 32.6947,
18.2019

■ 39.5740, 41.6053,
46.1948

■ 29.4596, 30.8182,
13.7157

■ 42.3070, 44.2055,
55.9407

■ 28.0793, 29.0725,
10.1268

■ 45.2965, 46.9625,
66.8702

■ 26.8867, 27.4520,
7.3719

■ 48.5502, 49.8799,
79.0217

■ 25.8680, 25.9506,
5.3795

■ 52.0752, 52.9612,
92.4318

■ 25.0068, 24.5612,
4.0661

■ 54.9964, 55.8568,
102.4906

■ 24.2743, 23.2715,
3.2814

■ 56.1111, 58.0862,
102.8621

■ 24.1765, 23.0970,
3.1839

■ 57.2613, 60.3866,
103.2455

Harmonies

Analogous

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



36.8230, 36.8585, 31.0951



34.8441, 36.8585, 30.0889



32.9860, 36.8585, 31.5543

Triad

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



34.8441, 36.8585, 30.0889



31.8933, 36.8585, 46.4147



38.5734, 36.8585, 45.3886

Complementary

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



34.8441, 36.8585, 30.0889



29.0090, 30.0483, 43.3010

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.



37.1627, 36.8585, 50.1399



34.8441, 36.8585, 30.0889



33.3017, 36.8585, 50.7709

Square

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



34.8441, 36.8585, 30.0889



31.3236, 36.8585, 40.6768



35.2224, 36.8585, 52.1944



39.0241, 36.8585, 39.5934

Rectangle

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



34.8441, 36.8585, 30.0889



32.0519, 36.8585, 33.8255



35.2224, 36.8585, 52.1944



38.1932, 36.8585, 47.1788

Sweetspot

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



34.8451, 36.8601, 30.0897



68.3693, 72.1209, 71.9032



31.8219, 29.6994, 32.5175



14.7989, 15.6145, 15.4230



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.8451, 36.8601, 30.0897



61.7810, 65.3584, 49.9331



35.0175, 39.4053, 30.5719



8.4695, 8.9438, 8.4933



18.0393, 17.2841, 2.3854



0.5450, 0.5671, 0.0807

Inverse Universe

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



29.0090, 30.0483, 43.3010



49.3738, 50.8783, 78.0240



28.8456, 27.9322, 42.9011



7.7554, 8.1102, 10.1094



6.3799, 3.8937, 29.4598



0.2242, 0.2017, 0.8351

Previews

White Background



This preview shows how the XYZ color 34.8441, 36.8585, 30.0889 looks on a white background.

Color Contrast Check

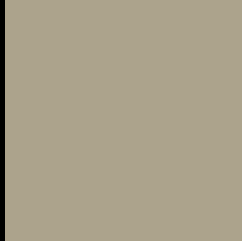
Large Text (above 18pt) WCAG AA × Fail

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 34.8441, 36.8585, 30.0889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

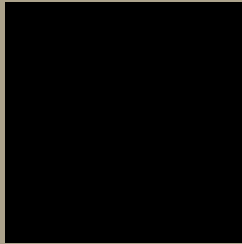
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

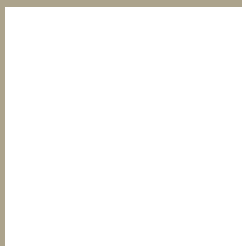
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8441, 36.8585, 30.0889

Background



This preview shows how black text looks on a background with the XYZ color 34.8441, 36.8585, 30.0889.



This preview shows how white text looks on a background with the XYZ color 34.8441, 36.8585,

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

34.8441, 36.8585, 30.0889

Protanopia

34.8441, 36.8585, 30.0889

Deuteranopia

37.3582, 36.6018, 30.2952



Tritanopia

37.6533, 36.9667, 43.6788

Trichromacy



Original Color

34.8441, 36.8585, 30.0889

Protanomaly

34.8441, 36.8585, 30.0889

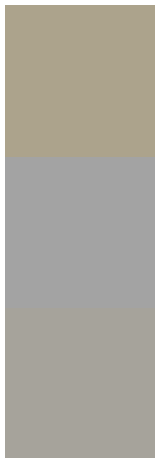
Deuteranomaly

36.4973, 36.6644, 30.3526

Tritanomaly

36.5952, 36.7936, 38.4308

Monochromacy



Original Color

34.8441, 36.8585, 30.0889

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.7395, 36.6679, 36.2570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8441, 36.8585, 30.0889 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(172, 163, 140)` looks like.

```
.text, #text, p{  
    color:rgb(172, 163, 140)  
}
```

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(172, 163, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 163, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.8441, 36.8585, 30.0889 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(172, 163, 140) }
```


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

```
.border{ border-color:rgb(172, 163, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 163, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 163, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 163, 140);  
box-shadow:4px 4px 4px 4px rgb(172, 163,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8441, 36.8585, 30.0889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 163, 140) }
```

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

```
.background{ background-color: rgb(172,  
163, 140) }
```

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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