

Converting Colors

XYZ(36.5500, 39.0329, 34.0422)

Have a look what the booklet for
XYZ(36.5500, 39.0329, 34.0422)
contains.

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Color

**XYZ(36.4407, 38.9458,
34.0304)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA895
RGB	172, 168, 149
RGB Percent	67%, 66%, 58%
CMY	0.3255, 0.3412, 0.4157
CMYK	0.00, 0.02, 0.13, 0.33
HSL	50°, 12%, 63%
HSV	50°, 13%, 67%
XYZ	36.4407, 38.9458, 34.0304
YIQ	167.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

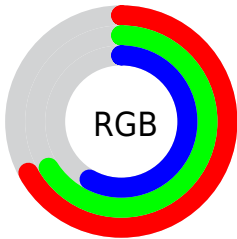
Format	Color
RYB	154, 172, 149
Decimal	11315349
CIELab	68.71, -1.90, 10.33
CIElCh	69, 10.502, 100.446
Yxy	38.9458, 0.3330, 0.3559
Android (android.graphics.Color)	4289505429 (0xFFACA895)
YUV	167.0300, -8.8888, 4.3587
Hunter-Lab	62.4066, -4.9810, 11.3537

Details

The XYZ color **36.4407, 38.9458, 34.0304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2320, 32.1500, 43.5896**, and the grayscale version is **36.7851, 38.7008, 42.1451**.

A 20% lighter version of the original color is **68.8457, 73.4180, 67.0425**, and **16.1957, 17.3657, 14.0536** is the 20% darker color. If you saturate the color by 10%, you get **34.6226, 37.3470, 27.1424**, and if you desaturate by 10%, it is **38.4765, 40.6545, 41.9925**.

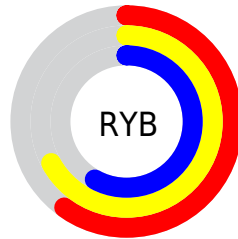
Distribution



Red (67%)

Green (66%)

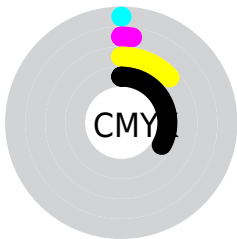
Blue (58%)



Red (60%)

Yellow (67%)

Blue (58%)

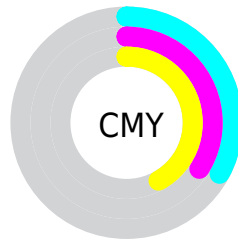


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4407, 38.9458, 34.0304 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 36.4407, 38.9458, 34.0304 by changing the saturation by 10% instead.

■ 36.4407, 38.9458,
34.0304

■ 36.4407, 38.9458,
34.0304

322.2804,
341.6600, 335.0409

■ 24.9464, 26.7176,
22.6394

■ 69.0312, 73.5555,
67.1154

■ 16.1657, 17.3612,
14.1247

■ 90.8581, 96.7058,
89.6464

■ 9.7331, 10.4924,
8.0677

116.8599,
124.2655, 116.7279

■ 5.2832, 5.7266,
4.0499

147.4020,
156.6191, 148.7784

■ 2.4508, 2.6796,
1.6528

182.8498,
194.1510, 186.2164

■ 0.8705, 0.9668,
0.3281

223.5685,

■ 0.0000, 0.0000,

237.2455, 229.4604

0.0000

269.9236,
286.2870, 278.9291

■ 36.4407, 38.9458,
34.0304

■ 36.4407, 38.9458,
34.0304

■ 34.6226, 37.3470,
27.1424

■ 38.4765, 40.6545,
41.9925

■ 33.0100, 35.8494,
21.2794

■ 40.7351, 42.4715,
51.0700

■ 31.5945, 34.4505,
16.3920

■ 43.2256, 44.4018,
61.3050

■ 30.3655, 33.1462,
12.4258

■ 45.9555, 46.4485,
72.7370

■ 29.3117, 31.9317,
9.3213

■ 48.9319, 48.6147,
85.4031

■ 28.4203, 30.8018,
7.0117

■ 52.1618, 50.9032,
99.3393

■ 27.6768, 29.7505,
5.4204

■ 53.2452, 52.3542,
101.9068

■ 27.0636, 28.7706,
4.4558

■ 53.8944, 53.6527,
102.1232

■ 26.7031, 28.1501,
4.0261

■ 54.5570, 54.9779,
102.3441

Harmonies

Analogous

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



38.0962, 38.9458, 34.3561



36.4407, 38.9458, 34.0304



34.9831, 38.9458, 35.8178

Triad

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



36.4407, 38.9458, 34.0304



34.6389, 38.9458, 48.6209



40.1090, 38.9458, 45.5413

Complementary

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



36.4407, 38.9458, 34.0304



31.2320, 32.1500, 43.5896

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.



39.1279, 38.9458, 49.7548



36.4407, 38.9458, 34.0304



35.9580, 38.9458, 51.6228

Square

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



36.4407, 38.9458, 34.0304



33.9636, 38.9458, 44.0857



37.5990, 38.9458, 52.0526



40.2477, 38.9458, 40.7683

Rectangle

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



36.4407, 38.9458, 34.0304



34.3072, 38.9458, 38.0514



37.5990, 38.9458, 52.0526



39.8655, 38.9458, 47.0793

Sweetspot

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



36.4418, 38.9475, 34.0312



69.5299, 73.5294, 75.1040



33.5289, 32.5732, 34.7515



15.0489, 15.9289, 16.0785



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.



36.4418, 38.9475, 34.0312



65.1084, 69.7899, 57.8970



35.6360, 39.6444, 34.2082



8.5425, 9.0898, 8.5176



19.9067, 21.0190, 3.0079



0.5844, 0.6460, 0.0939

Inverse Universe

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



31.2320, 32.1500, 43.5896



53.8261, 55.0696, 78.5983



31.9595, 31.5702, 43.4393



7.6873, 7.9739, 10.0866



5.9139, 2.9617, 29.3045



0.1974, 0.1482, 0.8262

Previews

White Background



This preview shows how the XYZ color 36.4407, 38.9458, 34.0304 looks on a white background.

Color Contrast Check

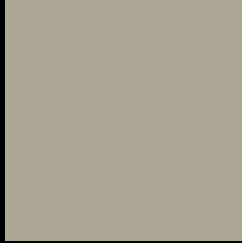
Large Text (above 18pt) WCAG AA × Fail

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 36.4407, 38.9458, 34.0304 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

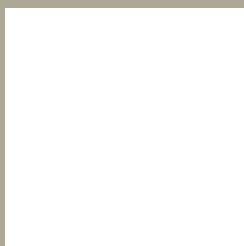
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4407, 38.9458, 34.0304

Background



This preview shows how black text looks on a background with the XYZ color 36.4407, 38.9458, 34.0304.



This preview shows how white text looks on a background with the XYZ color 36.4407, 38.9458,

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

36.4407, 38.9458, 34.0304

Protanopia

36.9227, 38.9213, 34.0003

Deuteranopia

39.6606, 38.9898, 34.2896



Tritanopia

39.1158, 38.9554, 47.0525

Trichromacy



Original Color

36.4407, 38.9458, 34.0304

Protanomaly

36.6991, 38.8060, 33.9898

Deuteranomaly

38.3089, 38.8202, 34.3281

Tritanomaly

38.1094, 38.8142, 42.0425

Monochromacy



Original Color

36.4407, 38.9458, 34.0304

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5261, 38.6105, 38.7852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4407, 38.9458, 34.0304 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, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(172, 168, 149)  
}
```

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, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 168, 149) }
```

Border

The CSS property to change the border of an element to XYZ 36.4407, 38.9458, 34.0304 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, 168, 149) }
```


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

```
.border{ border-color:rgb(172, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 168,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4407, 38.9458, 34.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 168, 149) }
```

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

```
.background{ background-color: rgb(172,  
168, 149) }
```

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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