

Converting Colors

XYZ(35.4149, 36.5980, 34.5497)

Have a look what the booklet for
XYZ(35.4149, 36.5980, 34.5497)
contains.

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Color

**XYZ(35.3440, 36.4948,
34.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA197
RGB	172, 161, 151
RGB Percent	67%, 63%, 59%
CMY	0.3255, 0.3686, 0.4078
CMYK	0.00, 0.06, 0.12, 0.33
HSL	29°, 11%, 63%
HSV	29°, 12%, 67%
XYZ	35.3440, 36.4948, 34.4595
YIQ	163.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

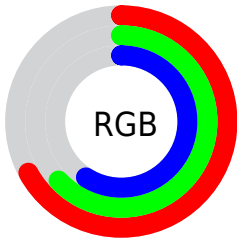
Format	Color
RYB	172, 170, 151
Decimal	11313559
CIELab	66.90, 2.24, 6.63
CIElCh	67, 6.998, 71.323
Yxy	36.4948, 0.3325, 0.3433
Android (android.graphics.Color)	4289503639 (0xFFACA197)
YUV	163.1490, -5.9895, 7.7623
Hunter-Lab	60.4109, -1.2860, 8.4675

Details

The XYZ color **35.3440, 36.4948, 34.4595** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1289, 35.3976, 44.1162**, and the grayscale version is **34.9081, 36.7261, 39.9947**.

A 20% lighter version of the original color is **67.2539, 69.8504, 67.6954**, and **15.6219, 16.0650, 14.3341** is the 20% darker color. If you saturate the color by 10%, you get **32.5305, 32.9422, 27.1255**, and if you desaturate by 10%, it is **38.4768, 40.3589, 42.9062**.

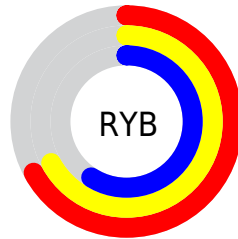
Distribution



Red (67%)

Green (63%)

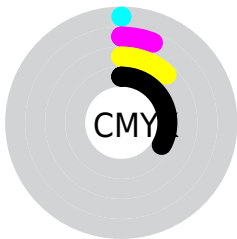
Blue (59%)



Red (67%)

Yellow (67%)

Blue (59%)

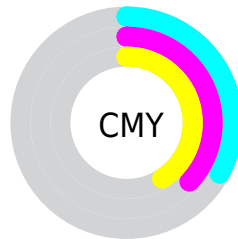


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3440, 36.4948, 34.4595 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 35.3440, 36.4948, 34.4595 by changing the saturation by 10% instead.


 35.3440, 36.4948,
34.4595


 35.3440, 36.4948,
34.4595


317.5656,
331.1181, 337.0076

 24.0957, 24.8166,
22.9666


 67.3489, 69.7951,
67.7896

 15.5298, 15.9405,
14.3638


 88.8362, 92.1860,
90.4640

 9.2808, 9.4820,
8.2325


114.4672,
118.9165, 117.7025

 4.9833, 5.0569,
4.1542

144.6073,
150.3711, 149.9238

 2.2721, 2.2807,
1.7103

179.6218,
186.9342, 187.5465

 0.7804, 0.7635,
0.3678

219.8762,

 0.0000, 0.0000,

228.9901, 230.9889

0.0000

265.7356,
276.9233, 280.6698

■ 35.3440, 36.4948,
34.4595

■ 35.3440, 36.4948,
34.4595

■ 32.5305, 32.9422,
27.1255

■ 38.4768, 40.3589,
42.9062

■ 30.0220, 29.6881,
20.8549

■ 41.9363, 44.5377,
52.5077

■ 27.8077, 26.7253,
15.5980

■ 45.7337, 49.0402,
63.3064

■ 25.8749, 24.0448,
11.3002

■ 49.8785, 53.8738,
75.3421

■ 24.2097, 21.6367,
7.9015

■ 54.3798, 59.0456,
88.6526

■ 22.7968, 19.4907,
5.3354

■ 59.2465, 64.5624,
103.2743

■ 21.6193, 17.5952,
3.5257

■ 61.7324, 69.3289,
104.7359

■ 20.6570, 15.9377,
2.3820

■ 64.2182, 74.3005,
105.5645

■ 20.0258, 14.7955,
1.8004

■ 66.8342, 79.5324,
106.4365

Harmonies

Analogous

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



36.2405, 36.4948, 36.0057



35.3440, 36.4948, 34.4595



34.2886, 36.4948, 34.2836

Triad

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



35.3440, 36.4948, 34.4595



32.7269, 36.4948, 40.8937



36.0505, 36.4948, 44.2835

Complementary

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



35.3440, 36.4948, 34.4595



33.1289, 35.3976, 44.1162

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.



35.0889, 36.4948, 45.7393



35.3440, 36.4948, 34.4595



33.1790, 36.4948, 43.7168

Square

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



35.3440, 36.4948, 34.4595



32.7920, 36.4948, 37.8965



34.0386, 36.4948, 45.5268



36.6541, 36.4948, 41.6353

Rectangle

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



35.3440, 36.4948, 34.4595



33.6384, 36.4948, 34.9560



34.0386, 36.4948, 45.5268



35.7576, 36.4948, 44.9344

Sweetspot

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



35.3450, 36.4964, 34.4603



68.6994, 71.8684, 74.8271



34.6196, 33.5201, 38.9214



14.8366, 15.5042, 16.0077



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.



35.3450, 36.4964, 34.4603



62.4982, 64.1779, 58.2339



37.2191, 40.2445, 35.0850



8.3081, 8.6211, 8.4395



14.9567, 11.1189, 1.3579



0.4711, 0.4194, 0.0561

Inverse Universe

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



33.1289, 35.3976, 44.1162



57.5745, 61.7364, 79.6876



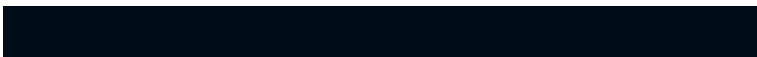
31.3889, 31.9176, 43.5362



7.9129, 8.4251, 10.1618



8.3215, 7.7769, 30.1070



0.2858, 0.3250, 0.8557

Previews

White Background



This preview shows how the XYZ color 35.3440, 36.4948, 34.4595 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 35.3440, 36.4948, 34.4595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

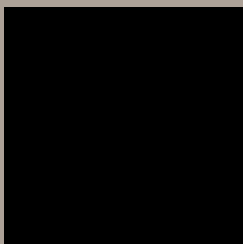
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

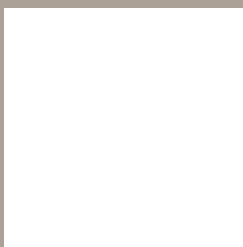
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3440, 36.4948, 34.4595

Background



This preview shows how black text looks on a background with the XYZ color 35.3440, 36.4948, 34.4595.



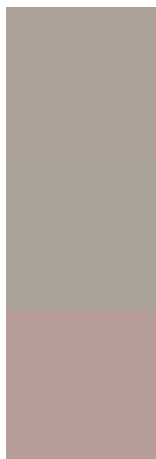
This preview shows how white text looks on a background with the XYZ color 35.3440, 36.4948,

34.4595.

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

35.3440, 36.4948, 34.4595

Protanopia

34.7363, 36.4325, 34.9071

Deuteranopia

37.2529, 36.4482, 34.7775



Tritanopia

37.2567, 36.5080, 43.6112

Trichromacy



Original Color

35.3440, 36.4948, 34.4595

Protanomaly

34.9500, 36.5427, 34.9171

Deuteranomaly

36.4848, 36.3044, 34.7903

Tritanomaly

36.5545, 36.4753, 40.2358

Monochromacy



Original Color

35.3440, 36.4948, 34.4595

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.9042, 36.4509, 37.9970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3440, 36.4948, 34.4595 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, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(172, 161, 151)  
}
```

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, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 161, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.3440, 36.4948, 34.4595 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, 161, 151) }
```


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

```
.border{ border-color:rgb(172, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(172, 161,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3440, 36.4948, 34.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 161, 151) }
```

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

```
.background{ background-color: rgb(172,  
161, 151) }
```

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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