

Converting Colors

XYZ(35.6185, 34.9014, 34.0911)

Have a look what the booklet for
XYZ(35.6185, 34.9014, 34.0911)
contains.

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Color

**XYZ(35.5016, 34.8105,
34.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	B29A97
RGB	178, 154, 151
RGB Percent	70%, 60%, 59%
CMY	0.3020, 0.3961, 0.4078
CMYK	0.00, 0.13, 0.15, 0.30
HSL	7°, 15%, 65%
HSV	7°, 15%, 70%
XYZ	35.5016, 34.8105, 34.1261
YIQ	160.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

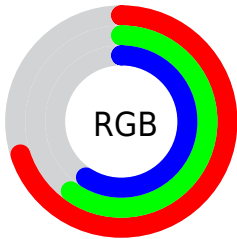
Format	Color
RYB	178, 154, 151
Decimal	11704983
CIELab	65.60, 8.36, 4.84
CIELCh	66, 9.657, 30.059
Yxy	34.8105, 0.3399, 0.3333
Android (android.graphics.Color)	4289895063 (0xFFB29A97)
YUV	160.8340, -4.8482, 15.0546
Hunter-Lab	59.0004, 4.1559, 7.0067

Details

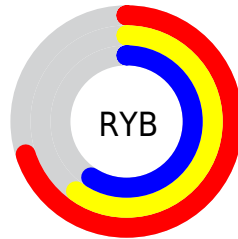
The XYZ color **35.5016, 34.8105, 34.1261** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1282, 40.4528, 48.0239**, and the grayscale version is **33.8168, 35.5779, 38.7443**.

A 20% lighter version of the original color is **67.5070, 67.0120, 67.1342**, and **15.6079, 14.9806, 14.1255** is the 20% darker color. If you saturate the color by 10%, you get **31.7227, 29.3939, 26.2648**, and if you desaturate by 10%, it is **39.8449, 41.0058, 43.2532**.

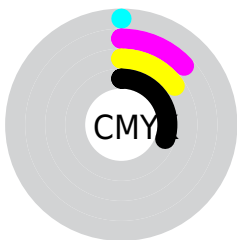
Distribution



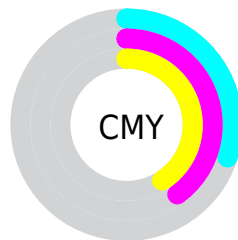
- Red (70%)
- Green (60%)
- Blue (59%)



- Red (70%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (30%)





- Cyan (30%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5016, 34.8105, 34.1261 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 35.5016, 34.8105, 34.1261 by changing the saturation by 10% instead.


 35.5016, 34.8105,
34.1261


 35.5016, 34.8105,
34.1261


318.2462,
323.7311, 335.4803

 24.2178, 23.5169,
22.7123


 67.5910, 67.1921,
67.2659

 15.6209, 14.9757,
14.1779


 89.1274, 89.0489,
89.8289

 9.3454, 8.8023,
8.1044


114.8120,
115.1956, 116.9455

 5.0261, 4.6125,
4.0731

145.0102,
146.0166, 149.0342

 2.2975, 2.0217,
1.6655

180.0874,
181.8962, 186.5135

 0.7934, 0.6200,
0.3369

220.4089,

 0.0000, 0.0000,

223.2189, 229.8019

0.0000

266.3400,
270.3691, 279.3180

■ 35.5016, 34.8105,
34.1261

■ 35.5016, 34.8105,
34.1261

■ 31.7227, 29.3939,
26.2648

■ 39.8449, 41.0058,
43.2532

■ 28.4822, 24.7207,
19.6113

■ 44.7714, 48.0041,
53.6962

■ 25.7563, 20.7599,
14.1063

■ 50.3027, 55.8343,
65.5053

■ 23.5184, 17.4763,
9.6846

■ 56.4585, 64.5226,
78.7273

■ 21.7393, 14.8319,
6.2746

■ 63.2574, 74.0938,
93.4067

■ 20.3869, 12.7849,
3.7959

■ 70.2629, 84.3903,
107.1935

■ 19.4247, 11.2884,
2.1560

■ 72.1703, 88.2051,
107.8292

■ 18.8095, 10.2882,
1.2414

■ 18.6069, 9.9583,
0.9415

Harmonies

Analogous

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



35.8871, 34.8105, 37.8947



35.5016, 34.8105, 34.1261



34.4653, 34.8105, 31.5336

Triad

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



35.5016, 34.8105, 34.1261



30.7805, 34.8105, 34.1391



33.0891, 34.8105, 46.2558

Complementary

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



35.5016, 34.8105, 34.1261



36.1282, 40.4528, 48.0239

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.



31.7447, 34.8105, 45.0764



35.5016, 34.8105, 34.1261



30.4352, 34.8105, 37.9108

Square

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



35.5016, 34.8105, 34.1261



31.7399, 34.8105, 31.5408



30.7832, 34.8105, 41.9482



34.4703, 34.8105, 45.0673

Rectangle

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



35.5016, 34.8105, 34.1261



33.5590, 34.8105, 30.7229



30.7832, 34.8105, 41.9482



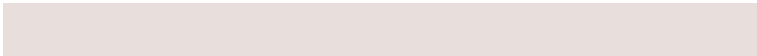
32.6181, 34.8105, 46.1221

Sweetspot

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



35.5026, 34.8121, 34.1268



72.3243, 74.4587, 78.5814



37.1945, 34.7056, 45.4510



15.8946, 16.3129, 17.1377



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.5026, 34.8121, 34.1268



62.1187, 59.8916, 57.1626



37.8018, 39.4105, 34.8932



8.5700, 8.6524, 8.8709



13.3376, 7.1738, 0.6817



0.4441, 0.2747, 0.0296

Inverse Universe

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



36.1282, 40.4528, 48.0239



63.4578, 71.9719, 86.9286



33.6839, 35.5644, 47.2091



8.6603, 9.4669, 10.8772



14.5514, 19.9032, 33.2117



0.4807, 0.6719, 1.0526

Previews

White Background



This preview shows how the XYZ color 35.5016, 34.8105, 34.1261 looks on a white background.

Color Contrast Check

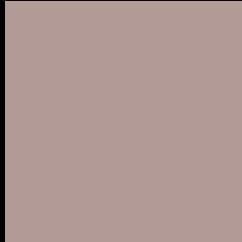
Large Text (above 18pt) WCAG AA × Fail

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 35.5016, 34.8105, 34.1261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

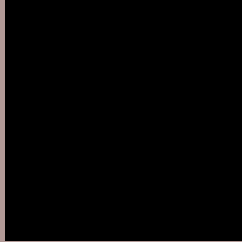
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5016, 34.8105, 34.1261

Background



This preview shows how black text looks on a background with the XYZ color 35.5016, 34.8105, 34.1261.



This preview shows how white text looks on a background with the XYZ color 35.5016, 34.8105,

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

35.5016, 34.8105, 34.1261

Protanopia

33.5407, 35.0219, 35.5640

Deuteranopia

35.5016, 34.8105, 34.1261



Tritanopia

36.7515, 34.8401, 39.9098

Trichromacy



Original Color

35.5016, 34.8105, 34.1261

Protanomaly

34.1689, 34.8489, 35.0626

Deuteranomaly

35.5016, 34.8105, 34.1261

Tritanomaly

36.2396, 34.8694, 37.6213

Monochromacy



Original Color

35.5016, 34.8105, 34.1261

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2490, 35.1035, 36.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5016, 34.8105, 34.1261 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(178, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(178, 154, 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(178, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 154, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.5016, 34.8105, 34.1261 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(178, 154, 151) }
```


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

```
.border{ border-color:rgb(178, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(178, 154,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5016, 34.8105, 34.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 154, 151) }
```

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

```
.background{ background-color: rgb(178,  
154, 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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