

Converting Colors

XYZ(34.9537, 35.9140, 34.8663)

Have a look what the booklet for
XYZ(34.9537, 35.9140, 34.8663)
contains.

XYZ(35.0329, 36.0665, 34.8209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.0329, 36.0665,
34.8209)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA098
RGB	171, 160, 152
RGB Percent	67%, 63%, 60%
CMY	0.3294, 0.3725, 0.4039
CMYK	0.00, 0.06, 0.11, 0.33
HSL	25°, 10%, 63%
HSV	25°, 11%, 67%
XYZ	35.0329, 36.0665, 34.8209
YIQ	162.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

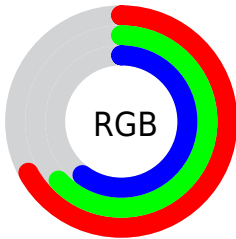
Format	Color
RYB	171, 166, 152
Decimal	11247768
CIELab	66.57, 2.59, 5.59
CIElCh	67, 6.163, 65.185
Yxy	36.0665, 0.3307, 0.3405
Android (android.graphics.Color)	4289437848 (0xFFABA098)
YUV	162.3770, -5.1159, 7.5624
Hunter-Lab	60.0554, -0.9702, 7.6617

Details

The XYZ color **35.0329, 36.0665, 34.8209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.3968, 35.8095, 43.6803**, and the grayscale version is **34.5405, 36.3393, 39.5735**.

A 20% lighter version of the original color is **66.8050, 69.2259, 68.2334**, and **15.4254, 15.7988, 14.5484** is the 20% darker color. If you saturate the color by 10%, you get **32.0844, 32.2513, 27.4193**, and if you desaturate by 10%, it is **38.3220, 40.2389, 43.3331**.

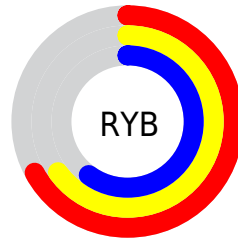
Distribution



Red (67%)

Green (63%)

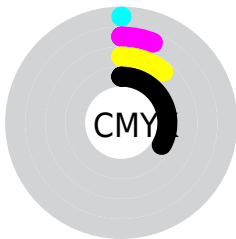
Blue (60%)



Red (67%)

Yellow (65%)

Blue (60%)

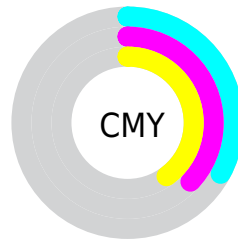


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0329, 36.0665, 34.8209 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 35.0329, 36.0665, 34.8209 by changing the saturation by 10% instead.

■ 35.0329, 36.0665,
34.8209

■ 35.0329, 36.0665,
34.8209

316.2190,
329.2511, 338.6573

■ 23.8549, 24.4856,
23.2425

■ 66.8704, 69.1347,
68.3566

■ 15.3501, 15.6942,
14.5657

■ 88.2606, 91.3907,
91.1511

■ 9.1534, 9.3080,
8.3719

113.7855,
117.9739, 118.5212

■ 4.8993, 4.9426,
4.2427

143.8106,
149.2687, 150.8857

■ 2.2224, 2.2136,
1.7594

178.7011,
185.6594, 188.6630

■ 0.7545, 0.7274,
0.4010

218.8224,

■ 0.0000, 0.0000,

227.5304, 232.2717

0.0000

264.5400,
275.2662, 282.1303

■ 35.0329, 36.0665,
34.8209

■ 35.0329, 36.0665,
34.8209

■ 32.0844, 32.2513,
27.4193

■ 38.3220, 40.2389,
43.3331

■ 29.4617, 28.7787,
21.0797

■ 41.9598, 44.7731,
52.9973

■ 27.1533, 25.6401,
15.7532

■ 45.9580, 49.6797,
63.8554

■ 25.1458, 22.8247,
11.3861

■ 50.3266, 54.9672,
75.9466

■ 23.4249, 20.3211,
7.9198

■ 55.0754, 60.6441,
89.3083

■ 21.9745, 18.1168,
5.2890

■ 60.2137, 66.7184,
103.9764

■ 20.7770, 16.1987,
3.4196

■ 62.9433, 72.0750,
105.2021

■ 19.8119, 14.5520,
2.2241

■ 65.7650, 77.7184,
106.1427

■ 19.1139, 13.2962,
1.5590

■ 68.7454, 83.6793,
107.1362

Harmonies

Analogous

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



35.7562, 36.0665, 36.4044



35.0329, 36.0665, 34.8209



34.1194, 36.0665, 34.4072

Triad

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



35.0329, 36.0665, 34.8209



32.5371, 36.0665, 39.7330



35.3165, 36.0665, 43.5875

Complementary

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



35.0329, 36.0665, 34.8209



33.3968, 35.8095, 43.6803

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.



34.4413, 36.0665, 44.5713



35.0329, 36.0665, 34.8209



32.8453, 36.0665, 42.2828

Square

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



35.0329, 36.0665, 34.8209



32.6891, 36.0665, 37.1686



33.5382, 36.0665, 44.0834



35.9219, 36.0665, 41.4497

Rectangle

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



35.0329, 36.0665, 34.8209



33.5279, 36.0665, 34.8338



33.5382, 36.0665, 44.0834



35.0435, 36.0665, 44.0684

Sweetspot

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



35.0339, 36.0681, 34.8217



67.4399, 70.5639, 74.4868



34.6417, 33.7623, 39.3810



14.9322, 15.6007, 16.3314



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.



35.0339, 36.0681, 34.8217



61.5740, 63.0946, 59.3908



36.7282, 39.4566, 35.3864



8.2721, 8.5490, 8.4275



14.4588, 10.1230, 1.1919



0.4571, 0.3914, 0.0515

Inverse Universe

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



33.3968, 35.8095, 43.6803



58.1326, 62.5508, 78.0115



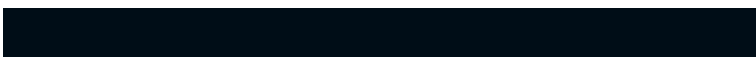
31.7871, 32.5901, 43.1437



7.9493, 8.4981, 10.1740



8.9560, 9.0458, 30.3185



0.3017, 0.3568, 0.8610

Previews

White Background



This preview shows how the XYZ color 35.0329, 36.0665, 34.8209 looks on a white background.

Color Contrast Check

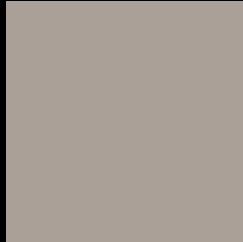
Large Text (above 18pt) WCAG AA × Fail

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 35.0329, 36.0665, 34.8209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

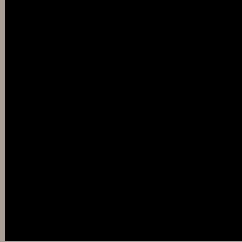
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0329, 36.0665, 34.8209

Background



This preview shows how black text looks on a background with the XYZ color 35.0329, 36.0665, 34.8209.



This preview shows how white text looks on a background with the XYZ color 35.0329, 36.0665,

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

35.0329, 36.0665, 34.8209

Protanopia

34.4310, 36.0051, 35.2720

Deuteranopia

36.6943, 35.9006, 35.1325



Tritanopia

36.5463, 35.9005, 43.0335

Trichromacy



Original Color

35.0329, 36.0665, 34.8209

Protanomaly

34.6431, 36.1145, 35.2819

Deuteranomaly

35.9382, 35.7610, 35.1454

Tritanomaly

35.8510, 35.8687, 39.6841

Monochromacy



Original Color

35.0329, 36.0665, 34.8209

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4335, 35.9577, 37.4734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0329, 36.0665, 34.8209 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(171, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 160, 152)  
}
```

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(171, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 160, 152) }
```

Border

The CSS property to change the border of an element to XYZ 35.0329, 36.0665, 34.8209 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(171, 160, 152) }
```


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

```
.border{ border-color:rgb(171, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 160,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0329, 36.0665, 34.8209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 160, 152) }
```

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

```
.background{ background-color: rgb(171,  
160, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor