

Converting Colors

XYZ(36.5199, 36.3251, 36.0651)

Have a look what the booklet for
XYZ(36.5199, 36.3251, 36.0651)
contains.

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Color

**XYZ(36.5034, 36.2853,
36.0902)**

Conversions

Conversions Part 1

Format	Color
Hex	B29E9B
RGB	178, 158, 155
RGB Percent	70%, 62%, 61%
CMY	0.3020, 0.3804, 0.3922
CMYK	0.00, 0.11, 0.13, 0.30
HSL	8°, 13%, 65%
HSV	8°, 13%, 70%
XYZ	36.5034, 36.2853, 36.0902
YIQ	163.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

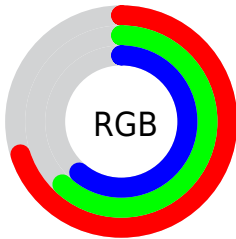
Format	Color
RYB	178, 158, 155
Decimal	11706011
CIELab	66.74, 6.82, 4.24
CIELCh	67, 8.026, 31.879
Yxy	36.2853, 0.3353, 0.3333
Android (android.graphics.Color)	4289896091 (0xFFB29E9B)
YUV	163.6380, -4.2585, 12.5955
Hunter-Lab	60.2373, 2.7546, 6.6434

Details

The XYZ color **36.5034, 36.2853, 36.0902** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8833, 40.8421, 48.0593**, and the grayscale version is **35.1308, 36.9603, 40.2498**.

A 20% lighter version of the original color is **69.2346, 69.6844, 70.1230**, and **16.2138, 15.8748, 15.3063** is the 20% darker color. If you saturate the color by 10%, you get **32.6419, 30.7807, 27.9635**, and if you desaturate by 10%, it is **40.9197, 42.5462, 45.4900**.

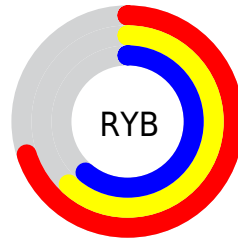
Distribution



Red (70%)

Green (62%)

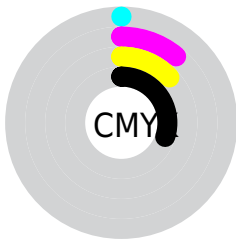
Blue (61%)



Red (70%)

Yellow (62%)

Blue (61%)

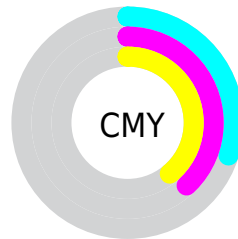


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5034, 36.2853, 36.0902 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 36.5034, 36.2853, 36.0902 by changing the saturation by 10% instead.


 36.5034, 36.2853,
36.0902


 36.5034, 36.2853,
36.0902


322.5485,
330.2058, 344.4039

 24.9951, 24.6546,
24.2136


 69.1272, 69.4722,
70.3419

 16.2021, 15.8199,
15.2785


 90.9733, 91.7972,
93.5541

 9.7591, 9.3968,
8.8663


116.9962,
118.4558, 121.3818

 5.3005, 5.0009,
4.5584

147.5612,
149.8323, 154.2438

 2.4612, 2.2478,
1.9364

183.0335,
186.3111, 192.5584

 0.8757, 0.7459,
0.5158

223.7786,

 0.0000, 0.0000,

228.2768, 236.7443

0.0000

270.1618,
276.1135, 287.2200

■ 36.5034, 36.2853,
36.0902

■ 36.5034, 36.2853,
36.0902

■ 32.6419, 30.7807,
27.9635

■ 40.9197, 42.5462,
45.4900

■ 29.3104, 25.9990,
21.0528

■ 45.9086, 49.5854,
56.2118

■ 26.4864, 21.9117,
15.3003

■ 51.4906, 57.4302,
68.3051

■ 24.1448, 18.4863,
10.6423

■ 57.6844, 66.1051,
81.8159

■ 22.2584, 15.6878,
7.0093

■ 64.5079, 75.6333,
96.7880

■ 20.7968, 13.4779,
4.3235

■ 70.8635, 85.5915,
107.3937

■ 19.7265, 11.8143,
2.4960

■ 72.1703, 88.2051,
107.8292

■ 19.0081, 10.6485,
1.4209

■ 18.6715, 10.0876,
0.9630

Harmonies

Analogous

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



36.8681, 36.2853, 39.2902



36.5034, 36.2853, 36.0902



35.5973, 36.2853, 33.9141

Triad

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



36.5034, 36.2853, 36.0902



32.4749, 36.2853, 36.4480



34.5645, 36.2853, 46.5554

Complementary

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



36.5034, 36.2853, 36.0902



36.8833, 40.8421, 48.0593

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.



33.4022, 36.2853, 45.6867



36.5034, 36.2853, 36.0902



32.2128, 36.2853, 39.7276

Square

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



36.5034, 36.2853, 36.0902



33.2729, 36.2853, 34.1120



32.5484, 36.2853, 43.1362



35.7325, 36.2853, 45.4462

Rectangle

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



36.5034, 36.2853, 36.0902



34.8181, 36.2853, 33.2676



32.5484, 36.2853, 43.1362



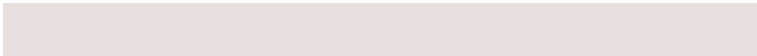
34.1602, 36.2853, 46.4849

Sweetspot

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



36.5044, 36.2869, 36.0910



73.2332, 75.7799, 80.4153



37.8509, 36.0158, 45.6779



16.0861, 16.5927, 17.5197



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.



36.5044, 36.2869, 36.0910



63.7375, 62.3029, 60.2499



38.4991, 40.2762, 36.7559



8.5829, 8.6783, 8.8752



13.3866, 7.2719, 0.6981



0.4495, 0.2854, 0.0314

Inverse Universe

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



36.8833, 40.8421, 48.0593



64.5825, 72.4695, 86.9653



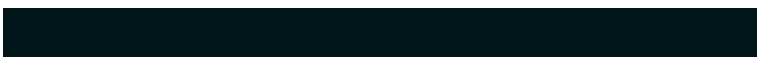
34.7966, 36.6688, 47.3637



8.6461, 9.4385, 10.8724



14.1403, 19.0809, 33.0747



0.4711, 0.6527, 1.0494

Previews

White Background



This preview shows how the XYZ color 36.5034, 36.2853, 36.0902 looks on a white background.

Color Contrast Check

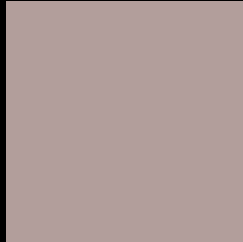
Large Text (above 18pt) WCAG AA × Fail

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 36.5034, 36.2853, 36.0902 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 36.5034, 36.2853, 36.0902

Background



This preview shows how black text looks on a background with the XYZ color 36.5034, 36.2853, 36.0902.



This preview shows how white text looks on a background with the XYZ color 36.5034, 36.2853,

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

36.5034, 36.2853, 36.0902

Protanopia

34.9425, 36.4905, 37.1000

Deuteranopia

37.0294, 36.3043, 36.0661



Tritanopia

37.7787, 36.3074, 42.0627

Trichromacy



Original Color

36.5034, 36.2853, 36.0902

Protanomaly

35.5402, 36.5480, 36.6338

Deuteranomaly

36.7958, 36.1838, 36.0552

Tritanomaly

37.2582, 36.3420, 39.7013

Monochromacy



Original Color

36.5034, 36.2853, 36.0902

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7155, 36.8489, 38.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5034, 36.2853, 36.0902 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, 158, 155)` looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 155)  
}
```

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, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.5034, 36.2853, 36.0902 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, 158, 155) }
```


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

```
.border{ border-color:rgb(178, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5034, 36.2853, 36.0902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 155) }
```

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

```
.background{ background-color: rgb(178,  
158, 155) }
```

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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