

Converting Colors

XYZ(36.5367, 34.7163, 34.7665)

Have a look what the booklet for
XYZ(36.5367, 34.7163, 34.7665)
contains.

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Color

**XYZ(36.5835, 34.6235,
34.8918)**

Conversions

Conversions Part 1

Format	Color
Hex	B89799
RGB	184, 151, 153
RGB Percent	72%, 59%, 60%
CMY	0.2784, 0.4078, 0.4000
CMYK	0.00, 0.18, 0.17, 0.28
HSL	356°, 19%, 66%
HSV	356°, 18%, 72%
XYZ	36.5835, 34.6235, 34.8918
YIQ	161.0950, 19.0260, 7.6180

Conversions

Conversions Part 2

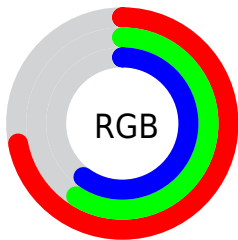
Format	Color
RYB	184, 151, 153
Decimal	12097433
CIELab	65.45, 12.61, 3.58
CIELCh	65, 13.108, 15.833
Yxy	34.6235, 0.3448, 0.3263
Android (android.graphics.Color)	4290287513 (0xFFB89799)
YUV	161.0950, -3.9908, 20.0877
Hunter-Lab	58.8417, 8.0052, 6.0316

Details

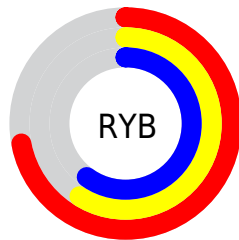
The XYZ color **36.5835, 34.6235, 34.8918** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3478, 44.2384, 50.7759**, and the grayscale version is **33.9330, 35.7001, 38.8775**.

A 20% lighter version of the original color is **69.0290, 66.6929, 68.2663**, and **16.3155, 14.8989, 14.5862** is the 20% darker color. If you saturate the color by 10%, you get **32.5244, 28.6269, 26.9975**, and if you desaturate by 10%, it is **41.3136, 41.6303, 44.0311**.

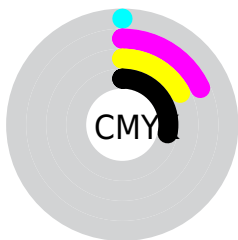
Distribution



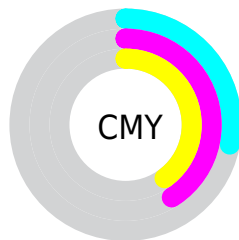
- Red (72%)
- Green (59%)
- Blue (60%)



- Red (72%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (28%)





- Cyan (28%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5835, 34.6235, 34.8918 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 36.5835, 34.6235, 34.8918 by changing the saturation by 10% instead.


 36.5835, 34.6235,
34.8918


 36.5835, 34.6235,
34.8918


322.8907,
322.9033, 338.9802

 25.0574, 23.3730,
23.2967


 69.2497, 66.9021,
68.4678

 16.2488, 14.8692,
14.6054


 91.1206, 88.6990,
91.2857

 9.7923, 8.7276,
8.3994


117.1703,
114.7801, 118.6816

 5.3227, 4.5639,
4.2601

147.7644,
145.5299, 151.0741

 2.4745, 1.9938,
1.7691

183.2681,
181.3327, 188.8816

 0.8824, 0.6038,
0.4075

224.0468,

 0.0000, 0.0000,

222.5730, 232.5228

0.0000

270.4659,
269.6350, 282.4162

■ 36.5835, 34.6235,
34.8918

■ 36.5835, 34.6235,
34.8918

■ 32.5244, 28.6269,
26.9975

■ 41.3136, 41.6303,
44.0311

■ 29.1031, 23.5894,
20.2923

■ 46.7401, 49.6860,
54.4638

■ 26.2882, 19.4629,
14.7192

■ 52.8906, 58.8328,
66.2382

■ 24.0440, 16.1927,
10.2158

■ 59.7904, 69.1093,
79.3996

■ 22.3316, 13.7189,
6.7133

■ 67.4636, 80.5522,
93.9911

■ 21.1069, 11.9732,
4.1354

■ 73.5772, 88.9304,
107.8951

■ 20.3187, 10.8763,
2.3945

■ 19.8927, 10.3066,
1.3820

■ 19.8284, 10.2149,
1.2472

Harmonies

Analogous

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



36.6133, 34.6235, 40.3422



36.5835, 34.6235, 34.8918



35.5441, 34.6235, 30.6228

Triad

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



36.5835, 34.6235, 34.8918



30.3349, 34.6235, 30.8121



32.0147, 34.6235, 48.8882

Complementary

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



36.5835, 34.6235, 34.8918



38.3478, 44.2384, 50.7759

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.



30.4067, 34.6235, 45.7893



36.5835, 34.6235, 34.8918



29.4627, 34.6235, 35.1741

Square

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



36.5835, 34.6235, 34.8918



31.9132, 34.6235, 28.4282



29.4884, 34.6235, 40.6531



33.9245, 34.6235, 48.7938

Rectangle

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



36.5835, 34.6235, 34.8918



34.4408, 34.6235, 28.8651



29.4884, 34.6235, 40.6531



31.4226, 34.6235, 48.1733

Sweetspot

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



36.5845, 34.6251, 34.8925



77.5633, 79.4288, 84.9628



38.9635, 35.5163, 50.1493



16.5780, 16.9110, 18.0410



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.5845, 34.6251, 34.8925



62.9079, 57.7236, 56.6311



38.8634, 39.4445, 34.8454



9.0261, 9.0208, 9.4846



13.6749, 7.0437, 0.9091



0.4896, 0.2513, 0.0714

Inverse Universe

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



36.5845, 34.6251, 34.8925



62.9079, 57.7236, 56.6311



35.7341, 38.6784, 50.9299



9.0261, 9.0208, 9.4846



13.6749, 7.0437, 0.9091



0.4896, 0.2513, 0.0714

Previews

White Background



This preview shows how the XYZ color 36.5835, 34.6235, 34.8918 looks on a white background.

Color Contrast Check

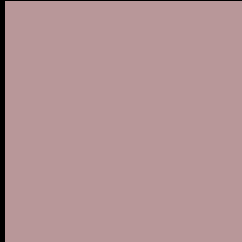
Large Text (above 18pt) WCAG AA × Fail

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 36.5835, 34.6235, 34.8918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

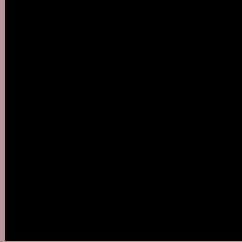
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5835, 34.6235, 34.8918

Background



This preview shows how black text looks on a background with the XYZ color 36.5835, 34.6235, 34.8918.



This preview shows how white text looks on a background with the XYZ color 36.5835, 34.6235,

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

36.5835, 34.6235, 34.8918

Protanopia

33.2130, 34.5694, 36.8203

Deuteranopia

35.3546, 34.7253, 34.5450



Tritanopia

37.3470, 34.7002, 38.4476

Trichromacy



Original Color

36.5835, 34.6235, 34.8918

Protanomaly

34.2997, 34.3890, 36.2825

Deuteranomaly

35.8811, 34.7528, 34.5226

Tritanomaly

37.0855, 34.5956, 37.0708

Monochromacy



Original Color

36.5835, 34.6235, 34.8918

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5907, 35.0176, 37.2837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5835, 34.6235, 34.8918 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(184, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(184, 151, 153)  
}
```

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(184, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 151, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.5835, 34.6235, 34.8918 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(184, 151, 153) }
```


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

```
.border{ border-color:rgb(184, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(184, 151,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5835, 34.6235, 34.8918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 151, 153) }
```

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

```
.background{ background-color: rgb(184,  
151, 153) }
```

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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