

Converting Colors

XYZ(36.9700, 34.3125, 35.7977)

Have a look what the booklet for
XYZ(36.9700, 34.3125, 35.7977)
contains.

XYZ(36.9135, 34.3006, 35.6855)	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(36.9135, 34.3006,
35.6855)**

Conversions

Conversions Part 1

Format	Color
Hex	BA959B
RGB	186, 149, 155
RGB Percent	73%, 58%, 61%
CMY	0.2706, 0.4157, 0.3922
CMYK	0.00, 0.20, 0.17, 0.27
HSL	350°, 21%, 66%
HSV	350°, 20%, 73%
XYZ	36.9135, 34.3006, 35.6855
YIQ	160.7470, 20.1260, 9.7100

Conversions

Conversions Part 2

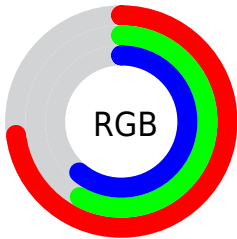
Format	Color
R_{YB}	186, 149, 155
Decimal	12227995
CIE _{Lab}	65.20, 14.80, 2.11
CIE _{LCh}	65, 14.945, 8.110
Yxy	34.3006, 0.3453, 0.3209
Android (android.graphics.Color)	4290418075 (0xFFBA959B)
YUV	160.7470, -2.8333, 22.1469
Hunter-Lab	58.5667, 10.0134, 4.8705

Details

The XYZ color **36.9135, 34.3006, 35.6855** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1929, 44.8034, 49.8171**, and the grayscale version is **33.7659, 35.5243, 38.6860**.

A 20% lighter version of the original color is **69.8267, 66.3700, 69.4520**, and **16.3821, 14.6404, 15.0591** is the 20% darker color. If you saturate the color by 10%, you get **32.9770, 28.3886, 28.3272**, and if you desaturate by 10%, it is **41.4909, 41.2232, 44.0918**.

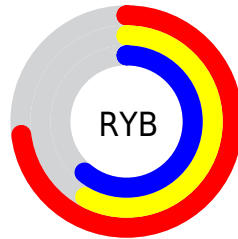
Distribution



Red (73%)

Green (58%)

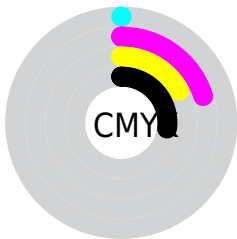
Blue (61%)



Red (73%)

Yellow (58%)

Blue (61%)

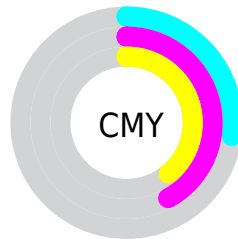


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9135, 34.3006, 35.6855 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 36.9135, 34.3006, 35.6855 by changing the saturation by 10% instead.

■ 36.9135, 34.3006,
35.6855

■ 36.9135, 34.3006,
35.6855

324.2979,
321.4703, 342.5796

■ 25.3139, 23.1246,
23.9036

■ 69.7544, 66.4009,
69.7099

■ 16.4410, 14.6856,
15.0506

■ 91.7264, 88.0939,
92.7896

■ 9.9296, 8.5990,
8.7079

117.8867,
114.0615, 120.4722

■ 5.4142, 4.4806,
4.4569

148.6004,
144.6879, 153.1765

■ 2.5295, 1.9459,
1.8792

184.2331,
180.3576, 191.3207

■ 0.9102, 0.5757,
0.4795


225.1499,


■ 0.0000, 0.0000,


221.4550, 235.3237


0.0000


271.7164,
268.3644, 285.6038


 36.9135, 34.3006,
35.6855


 36.9135, 34.3006,
35.6855


 32.9770, 28.3886,
28.3272


 41.4909, 41.2232,
44.0918


 29.6498, 23.4354,
21.9734


 46.7331, 49.1958,
53.5828


 26.9020, 19.3918,
16.5810

 52.6663, 58.2613,
64.1961

 24.6999, 16.2021,
12.1026

 59.3147, 68.4587,
75.9670

 23.0063, 13.8048,
8.4870

 66.7010, 79.8254,
88.9289

■ 21.7795, 12.1298,
5.6777

■ 73.0327, 88.7683,
102.5095

■ 20.9706, 11.0948,
3.6111

■ 74.0598, 89.1791,
107.9177

■ 20.4904, 10.5389,
2.2040

■ 20.4860, 10.5336,
2.1916

Harmonies

Analogous

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



36.6325, 34.3006, 41.9866



36.9135, 34.3006, 35.6855



35.9994, 34.3006, 30.4414

Triad

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



36.9135, 34.3006, 35.6855



30.0915, 34.3006, 28.7048



31.0693, 34.3006, 49.5815

Complementary

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



36.9135, 34.3006, 35.6855



38.1929, 44.8034, 49.8171

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.



29.4248, 34.3006, 45.2263



36.9135, 34.3006, 35.6855



28.8780, 34.3006, 33.0634

Square

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



36.9135, 34.3006, 35.6855



32.0161, 34.3006, 26.7138



28.6394, 34.3006, 39.0604



33.1944, 34.3006, 50.4841

Rectangle

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



36.9135, 34.3006, 35.6855



34.8582, 34.3006, 28.0848



28.6394, 34.3006, 39.0604



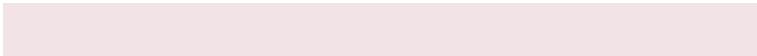
30.4448, 34.3006, 48.4512

Sweetspot

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



36.9145, 34.3022, 35.6862



78.6618, 79.9688, 86.2047



38.3950, 34.7250, 51.1335



17.1884, 17.4065, 18.7402



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



36.9145, 34.3022, 35.6862



63.5524, 57.1223, 58.4408



38.4787, 38.2168, 33.7843



9.0624, 9.0353, 9.6760



13.8011, 7.0942, 1.5736



0.5052, 0.2575, 0.1536

Inverse Universe

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



36.9145, 34.3022, 35.6862



63.5524, 57.1223, 58.4408



36.3303, 40.0793, 52.2758



9.0624, 9.0353, 9.6760



13.8011, 7.0942, 1.5736



0.5052, 0.2575, 0.1536

Previews

White Background



This preview shows how the XYZ color 36.9135, 34.3006, 35.6855 looks on a white background.

Color Contrast Check

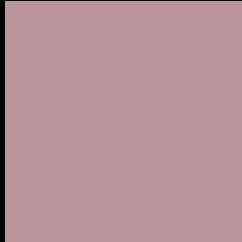
Large Text (above 18pt) WCAG AA × Fail

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 36.9135, 34.3006, 35.6855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

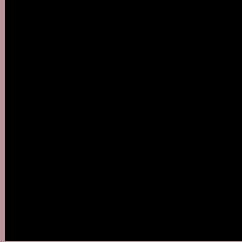
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9135, 34.3006, 35.6855

Background



This preview shows how black text looks on a background with the XYZ color 36.9135, 34.3006, 35.6855.



This preview shows how white text looks on a background with the XYZ color 36.9135, 34.3006,

35.6855.

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

36.9135, 34.3006, 35.6855

Protanopia

33.2700, 34.5689, 38.1766

Deuteranopia

34.9032, 34.2295, 35.3392



Tritanopia

37.4286, 34.2827, 37.9022

Trichromacy



Original Color

36.9135, 34.3006, 35.6855

Protanomaly

34.4705, 34.4574, 37.1819

Deuteranomaly

35.6514, 34.3733, 35.3275

Tritanomaly

37.2550, 34.2132, 36.9880

Monochromacy



Original Color

36.9135, 34.3006, 35.6855

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.8925, 35.1632, 37.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9135, 34.3006, 35.6855 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(186, 149, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 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(186, 149, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 155) }
```

Border

The CSS property to change the border of an element to XYZ 36.9135, 34.3006, 35.6855 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(186, 149, 155) }
```


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

```
.border{ border-color:rgb(186, 149, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 149, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 149,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9135, 34.3006, 35.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 155) }
```

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

```
.background{ background-color: rgb(186,  
149, 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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