

Converting Colors

XYZ(36.2136, 34.4332, 34.9187)

Have a look what the booklet for
XYZ(36.2136, 34.4332, 34.9187)
contains.

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Color

**XYZ(36.1078, 34.3782,
34.8696)**

Conversions

Conversions Part 1

Format	Color
Hex	B69799
RGB	182, 151, 153
RGB Percent	71%, 59%, 60%
CMY	0.2863, 0.4078, 0.4000
CMYK	0.00, 0.17, 0.16, 0.29
HSL	356°, 18%, 65%
HSV	356°, 17%, 71%
XYZ	36.1078, 34.3782, 34.8696
YIQ	160.4970, 17.8340, 7.1940

Conversions

Conversions Part 2

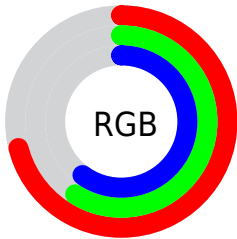
Format	Color
RYB	182, 151, 153
Decimal	11966361
CIELab	65.26, 11.86, 3.27
CIELCh	65, 12.302, 15.429
Yxy	34.3782, 0.3427, 0.3263
Android (android.graphics.Color)	4290156441 (0xFFB69799)
YUV	160.4970, -3.6960, 18.8581
Hunter-Lab	58.6329, 7.3177, 5.7827

Details

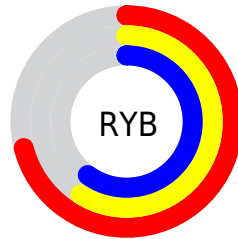
The XYZ color **36.1078, 34.3782, 34.8696** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7300, 43.3314, 49.5573**, and the grayscale version is **33.6547, 35.4073, 38.5586**.

A 20% lighter version of the original color is **68.3537, 66.3448, 68.2347**, and **16.0087, 14.7408, 14.5719** is the 20% darker color. If you saturate the color by 10%, you get **32.0944, 28.4435, 27.0813**, and if you desaturate by 10%, it is **40.7760, 41.3006, 43.8672**.

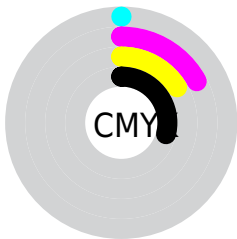
Distribution



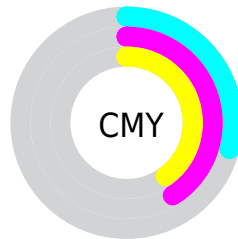
- Red (71%)
- Green (59%)
- Blue (60%)



- Red (71%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (29%)





- Cyan (29%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1078, 34.3782, 34.8696 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 36.1078, 34.3782, 34.8696 by changing the saturation by 10% instead.


 36.1078, 34.3782,
34.8696


 36.1078, 34.3782,
34.8696


320.8545,
321.8152, 338.8791

 24.6880, 23.1843,
23.2797


 68.5212, 66.5214,
68.4330

 15.9722, 14.7296,
14.5929


 90.2455, 88.2394,
91.2435

 9.5952, 8.6299,
8.3908


116.1353,
114.2343, 118.6314

 5.1916, 4.5006,
4.2547

146.5559,
144.8904, 151.0151

 2.3960, 1.9573,
1.7661

181.8728,
180.5922, 188.8132

 0.8431, 0.5825,
0.4054

222.4513,

 0.0000, 0.0000,

221.7240, 232.4442

0.0000

268.6568,
268.6702, 282.3267

■ 36.1078, 34.3782,
34.8696

■ 36.1078, 34.3782,
34.8696

■ 32.0944, 28.4435,
27.0813

■ 40.7760, 41.3006,
43.8672

■ 28.7038, 23.4472,
20.4487

■ 46.1235, 49.2480,
54.1202

■ 25.9056, 19.3425,
14.9173

■ 52.1770, 58.2613,
65.6751

■ 23.6658, 16.0771,
10.4275

■ 58.9608, 68.3780,
78.5753

■ 21.9469, 13.5930,
6.9139

■ 66.4982, 79.6335,
92.8622

■ 20.7065, 11.8248,
4.3040

■ 73.1016, 88.6852,
107.8728

■ 19.8961, 10.6966,
2.5149

■ 19.4497, 10.1023,
1.4462

■ 19.3563, 9.9710,
1.2435

Harmonies

Analogous

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



36.1221, 34.3782, 39.9677



36.1078, 34.3782, 34.8696



35.1516, 34.3782, 30.8381

Triad

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



36.1078, 34.3782, 34.8696



30.2837, 34.3782, 30.9300



31.8170, 34.3782, 47.8087

Complementary

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



36.1078, 34.3782, 34.8696



37.7300, 43.3314, 49.5573

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.



30.3184, 34.3782, 44.9046



36.1078, 34.3782, 34.8696



29.4553, 34.3782, 35.0059

Square

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



36.1078, 34.3782, 34.8696



31.7680, 34.3782, 28.7092



29.4678, 34.3782, 40.1170



33.6000, 34.3782, 47.7638

Rectangle

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



36.1078, 34.3782, 34.8696



34.1280, 34.3782, 29.1619



29.4678, 34.3782, 40.1170



31.2647, 34.3782, 47.1342

Sweetspot

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



36.1088, 34.3797, 34.8703



75.7147, 77.5332, 82.9669



38.3180, 35.2075, 49.0325



16.5796, 16.9117, 18.0493



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.



36.1088, 34.3797, 34.8703



62.9286, 58.5763, 58.3105



38.2315, 38.8870, 34.7709



9.0274, 9.0213, 9.4920



13.6783, 7.0451, 0.9267



0.4902, 0.2515, 0.0746

Inverse Universe

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



36.1088, 34.3797, 34.8703



62.9286, 58.5763, 58.3105



35.3148, 38.1730, 49.7632



9.0274, 9.0213, 9.4920



13.6783, 7.0451, 0.9267



0.4902, 0.2515, 0.0746

Previews

White Background



This preview shows how the XYZ color 36.1078, 34.3782, 34.8696 looks on a white background.

Color Contrast Check

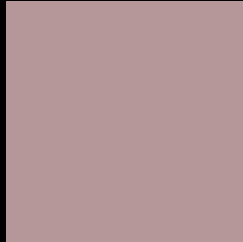
Large Text (above 18pt) WCAG AA × Fail

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 36.1078, 34.3782, 34.8696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

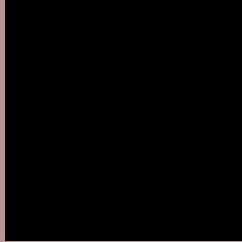
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1078, 34.3782, 34.8696

Background



This preview shows how black text looks on a background with the XYZ color 36.1078, 34.3782, 34.8696.



This preview shows how white text looks on a background with the XYZ color 36.1078, 34.3782,

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

36.1078, 34.3782, 34.8696

Protanopia

33.2130, 34.5694, 36.8203

Deuteranopia

35.0455, 34.3125, 34.9129



Tritanopia

36.8678, 34.4532, 38.4252

Trichromacy



Original Color

36.1078, 34.3782, 34.8696

Protanomaly

34.0843, 34.2780, 36.2724

Deuteranomaly

35.3381, 34.2214, 34.8799

Tritanomaly

36.6063, 34.3486, 37.0483

Monochromacy



Original Color

36.1078, 34.3782, 34.8696

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.2912, 34.8731, 36.8221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1078, 34.3782, 34.8696 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(182, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 151, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.1078, 34.3782, 34.8696 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(182, 151, 153) }
```


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

```
.border{ border-color:rgb(182, 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(182, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(182, 151,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1078, 34.3782, 34.8696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 151, 153) }
```

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

```
.background{ background-color: rgb(182,  
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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