

Converting Colors

XYZ(36.0798, 33.3765, 35.9280)

Have a look what the booklet for
XYZ(36.0798, 33.3765, 35.9280)
contains.

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Color

**XYZ(36.2016, 33.4581,
36.0025)**

Conversions

Conversions Part 1

Format	Color
Hex	B8939C
RGB	184, 147, 156
RGB Percent	72%, 58%, 61%
CMY	0.2784, 0.4235, 0.3882
CMYK	0.00, 0.20, 0.15, 0.28
HSL	345°, 21%, 65%
HSV	345°, 20%, 72%
XYZ	36.2016, 33.4581, 36.0025
YIQ	159.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

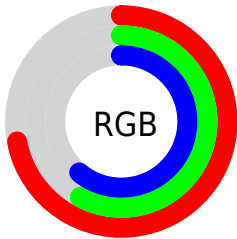
Format	Color
RYB	184, 147, 156
Decimal	12096412
CIELab	64.53, 15.32, 0.55
CIELCh	65, 15.335, 2.039
Yxy	33.4581, 0.3426, 0.3167
Android (android.graphics.Color)	4290286492 (0xFFB8939C)
YUV	159.0890, -1.5229, 21.8469
Hunter-Lab	57.8430, 10.4908, 3.5869

Details

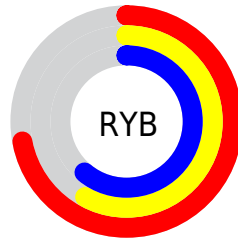
The XYZ color **36.2016, 33.4581, 36.0025** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9123, 43.5799, 47.0258**, and the grayscale version is **32.9967, 34.7151, 37.8048**.

A 20% lighter version of the original color is **68.4547, 64.9517, 69.9017**, and **15.9386, 14.1315, 15.2522** is the 20% darker color. If you saturate the color by 10%, you get **32.4537, 27.7422, 29.2651**, and if you desaturate by 10%, it is **40.5443, 40.1464, 43.6060**.

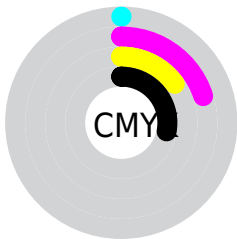
Distribution



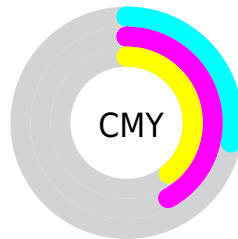
- Red (72%)
- Green (58%)
- Blue (61%)



- Red (72%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2016, 33.4581, 36.0025 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 36.2016, 33.4581, 36.0025 by changing the saturation by 10% instead.


 36.2016, 33.4581,
36.0025


 36.2016, 33.4581,
36.0025


321.2567,
317.7089, 344.0092

 24.7608, 22.4776,
24.1464


 68.6650, 65.0901,
70.2050

 16.0267, 14.2083,
15.2291


 90.4182, 86.5104,
93.3885

 9.6340, 8.2657,
8.8319


116.3396,
112.1794, 121.1849

 5.2174, 4.2654,
4.5364

146.7945,
142.4815, 154.0128

 2.4114, 1.8231,
1.9240

182.1484,
177.8011, 192.2906

 0.8508, 0.5015,
0.5079

222.7664,

 0.0000, 0.0000,

218.5226, 236.4369

0.0000

269.0141,
265.0304, 286.8703

■ 36.2016, 33.4581,
36.0025

■ 36.2016, 33.4581,
36.0025

■ 32.4537, 27.7422,
29.2651

■ 40.5443, 40.1464,
43.6060

■ 29.2714, 22.9489,
23.3606

■ 45.5035, 47.8448,
52.1030

■ 26.6275, 19.0309,
18.2564

■ 51.1033, 56.5946,
61.5223

■ 24.4912, 15.9347,
13.9173

■ 57.3658, 66.4334,
71.8909

■ 22.8284, 13.6011,
10.3051

■ 64.3118, 77.3969,
83.2346

■ 21.6009, 11.9628,
7.3782

■ 71.1894, 87.9752,
95.3207

■ 20.7640, 10.9405,
5.0902

■ 73.3336, 88.8329,
106.6118

■ 20.2360, 10.3779,
3.3934

■ 73.5773, 88.9304,
107.8951

Harmonies

Analogous

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



35.6707, 33.4581, 42.3879



36.2016, 33.4581, 36.0025



35.5091, 33.4581, 30.3948

Triad

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



36.2016, 33.4581, 36.0025



29.6171, 33.4581, 27.1262



29.8654, 33.4581, 48.1654

Complementary

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



36.2016, 33.4581, 36.0025



36.9123, 43.5799, 47.0258

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.



28.3603, 33.4581, 43.2159



36.2016, 33.4581, 36.0025



28.2216, 33.4581, 31.0586

Square

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



36.2016, 33.4581, 36.0025



31.6512, 33.4581, 25.6498



27.7722, 33.4581, 36.8612



31.9511, 33.4581, 49.8734

Rectangle

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



36.2016, 33.4581, 36.0025



34.4646, 33.4581, 27.7182



27.7722, 33.4581, 36.8612



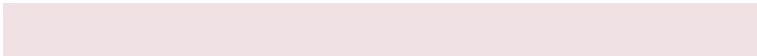
29.2782, 33.4581, 46.7996

Sweetspot

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



36.2025, 33.4596, 36.0032



76.9618, 78.1422, 85.0202



36.7097, 33.4148, 49.8625



16.4687, 16.6556, 18.1178



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.



36.2025, 33.4596, 36.0032



62.5788, 55.9921, 59.8301



36.9652, 36.1593, 32.6368



9.0918, 9.0471, 9.8307



13.9704, 7.1619, 2.4651



0.5176, 0.2625, 0.2193

Inverse Universe

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



36.2025, 33.4596, 36.0032



62.5788, 55.9921, 59.8301



35.9669, 40.2275, 51.2167



9.0918, 9.0471, 9.8307



13.9704, 7.1619, 2.4651



0.5176, 0.2625, 0.2193

Previews

White Background



This preview shows how the XYZ color 36.2016, 33.4581, 36.0025 looks on a white background.

Color Contrast Check

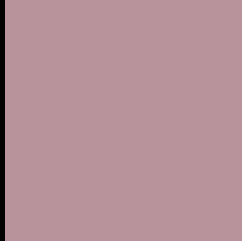
Large Text (above 18pt) WCAG AA × Fail

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 36.2016, 33.4581, 36.0025 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 36.2016, 33.4581, 36.0025

Background



This preview shows how black text looks on a background with the XYZ color 36.2016, 33.4581, 36.0025.



This preview shows how white text looks on a background with the XYZ color 36.2016, 33.4581,

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

36.2016, 33.4581, 36.0025

Protanopia

32.4220, 33.6192, 38.4986

Deuteranopia

34.1579, 33.5937, 35.6943



Tritanopia

36.3724, 33.5264, 36.9020

Trichromacy



Original Color

36.2016, 33.4581, 36.0025

Protanomaly

33.5856, 33.5012, 37.4971

Deuteranomaly

34.7272, 33.4094, 35.6287

Tritanomaly

36.2867, 33.4921, 36.4504

Monochromacy



Original Color

36.2016, 33.4581, 36.0025

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.0413, 34.2361, 37.1618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2016, 33.4581, 36.0025 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, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 156)  
}
```

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, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.2016, 33.4581, 36.0025 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, 147, 156) }
```


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

```
.border{ border-color:rgb(184, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 147,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2016, 33.4581, 36.0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 147, 156) }
```

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

```
.background{ background-color: rgb(184,  
147, 156) }
```

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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