

Converting Colors

XYZ(36.1358, 33.2644, 39.5683)

Have a look what the booklet for
XYZ(36.1358, 33.2644, 39.5683)
contains.

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Color

**XYZ(36.1906, 33.3715,
39.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	B593A4
RGB	181, 147, 164
RGB Percent	71%, 58%, 64%
CMY	0.2902, 0.4235, 0.3569
CMYK	0.00, 0.19, 0.09, 0.29
HSL	330°, 19%, 64%
HSV	330°, 19%, 71%
XYZ	36.1906, 33.3715, 39.6559
YIQ	159.1040, 14.8070, 12.4950

Conversions

Conversions Part 2

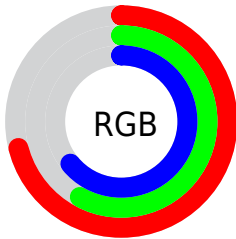
Format	Color
RYB	181, 147, 164
Decimal	11899812
CIELab	64.46, 15.59, -4.10
CIELCh	64, 16.119, 345.255
Yxy	33.3715, 0.3314, 0.3055
Android (android.graphics.Color)	4290089892 (0xFFB593A4)
YUV	159.1040, 2.4137, 19.2028
Hunter-Lab	57.7681, 10.7327, -0.2630

Details

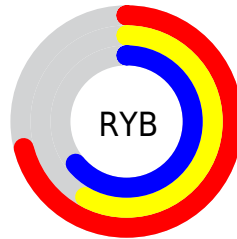
The XYZ color **36.1906, 33.3715, 39.6559** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.2586, 41.9320, 41.3592**, and the grayscale version is **32.9875, 34.7055, 37.7942**.

A 20% lighter version of the original color is **68.5979, 64.8923, 75.9278**, and **16.0096, 14.1248, 17.2118** is the 20% darker color. If you saturate the color by 10%, you get **32.8061, 27.8640, 34.6377**, and if you desaturate by 10%, it is **40.0781, 39.7909, 45.1296**.

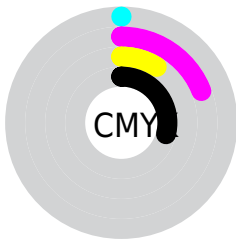
Distribution



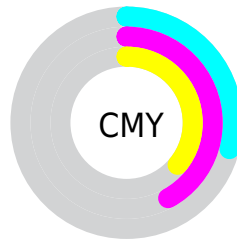
- Red (71%)
- Green (58%)
- Blue (64%)



- Red (71%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (29%)





- Cyan (29%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1906, 33.3715, 39.6559 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 36.1906, 33.3715, 39.6559 by changing the saturation by 10% instead.


 36.1906, 33.3715,
39.6559


 36.1906, 33.3715,
39.6559

321.2096,
317.3204, 360.1800

 24.7522, 22.4112,
26.9586


 68.6481, 64.9551,
75.8706

 16.0203, 14.1593,
17.3100


 90.3979, 86.3472,
100.2251

 9.6295, 8.2316,
10.2915


116.3156,
111.9853, 129.3024

 5.2143, 4.2435,
5.4845

146.7666,
142.2539, 163.5210

 2.4096, 1.8107,
2.4706

182.1161,
177.5373, 203.2996

 0.8499, 0.4938,
0.8245

222.7295,

 0.0000, 0.0000,

218.2199, 249.0566

0.0000

268.9722,
264.6861, 301.2105

■ 36.1906, 33.3715,
39.6559

■ 36.1906, 33.3715,
39.6559

■ 32.8061, 27.8640,
34.6377

■ 40.0781, 39.7909,
45.1296

■ 29.8998, 23.2222,
30.0596

■ 44.4860, 47.1569,
51.0692

■ 27.4492, 19.4025,
25.9084

■ 49.4348, 55.5076,
57.4874

■ 25.4285, 16.3556,
22.1691

■ 54.9427, 64.8779,
64.3958

■ 23.8096, 14.0271,
18.8258

■ 61.0270, 75.3010,
71.8054

■ 22.5603, 12.3552,
15.8610

■ 67.5112, 86.4218,
79.6626

■ 21.6434, 11.2676,
13.2552

■ 68.7307, 86.9096,
86.0842

■ 20.9943, 10.6373,
10.9793

■ 70.0159, 87.4237,
92.8519

■ 20.9228, 10.5705,
10.7208

■ 71.3677, 87.9645,
99.9708

Harmonies

Analogous

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



34.9645, 33.3715, 46.0012



36.1906, 33.3715, 39.6559



36.1795, 33.3715, 33.1042

Triad

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



36.1906, 33.3715, 39.6559



30.5692, 33.3715, 25.4350



28.7061, 33.3715, 46.0945

Complementary

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



36.1906, 33.3715, 39.6559



35.2586, 41.9320, 41.3592

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.



27.6404, 33.3715, 39.7713



36.1906, 33.3715, 39.6559



28.6801, 33.3715, 28.1291

Square

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



36.1906, 33.3715, 39.6559



32.8576, 33.3715, 25.4120



27.6311, 33.3715, 33.2066



30.6062, 33.3715, 50.0124

Rectangle

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



36.1906, 33.3715, 39.6559



35.4688, 33.3715, 29.5044



27.6311, 33.3715, 33.2066



28.2425, 33.3715, 44.1480

Sweetspot

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



36.1916, 33.3730, 39.6566



73.8027, 74.6332, 83.5958



34.0853, 32.0978, 48.1155



15.8462, 15.9556, 17.9247



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.



36.1916, 33.3730, 39.6566



61.9185, 55.0318, 66.7876



34.7574, 32.7993, 32.1045



8.6676, 8.5738, 9.7481



14.4586, 7.3010, 7.5750



0.4844, 0.2415, 0.3934

Inverse Universe

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



36.1916, 33.3730, 39.6566



61.9185, 55.0318, 66.7876



36.8980, 42.5877, 49.9920



8.6676, 8.5738, 9.7481



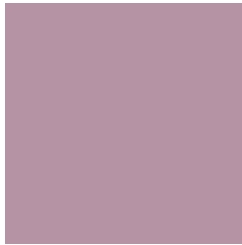
14.4586, 7.3010, 7.5750



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 36.1906, 33.3715, 39.6559 looks on a white background.

Color Contrast Check

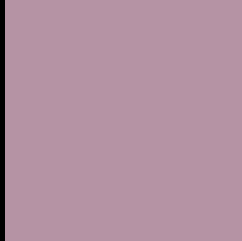
Large Text (above 18pt) WCAG AA × Fail

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 36.1906, 33.3715, 39.6559 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 36.1906, 33.3715, 39.6559

Background



This preview shows how black text looks on a background with the XYZ color 36.1906, 33.3715, 39.6559.



This preview shows how white text looks on a background with the XYZ color 36.1906, 33.3715,

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

36.1906, 33.3715, 39.6559

Protanopia

32.5931, 33.3752, 42.2603

Deuteranopia

34.2013, 33.5358, 39.3208



Tritanopia

35.6703, 33.3863, 37.3651

Trichromacy



Original Color

36.1906, 33.3715, 39.6559

Protanomaly

33.7203, 33.2458, 41.1990

Deuteranomaly

34.7508, 33.3413, 39.2543

Tritanomaly

35.8453, 33.4563, 38.2867

Monochromacy



Original Color

36.1906, 33.3715, 39.6559

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.0907, 34.2314, 38.5288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1906, 33.3715, 39.6559 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(181, 147, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 147, 164)  
}
```

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(181, 147, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 147, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.1906, 33.3715, 39.6559 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(181, 147, 164) }
```


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

```
.border{ border-color:rgb(181, 147, 164) }
```

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

Here you see how a box with a 4 pixel rgb(181, 147, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 147, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 147, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 147,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1906, 33.3715, 39.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 147, 164) }
```

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

```
.background{ background-color: rgb(181,  
147, 164) }
```

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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