

Converting Colors

XYZ(36.8098, 35.3767, 50.6293)

Have a look what the booklet for
XYZ(36.8098, 35.3767, 50.6293)
contains.

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Color

**XYZ(36.8405, 35.3805,
50.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	A99BB9
RGB	169, 155, 185
RGB Percent	66%, 61%, 73%
CMY	0.3372, 0.3921, 0.2745
CMYK	0.09, 0.16, 0.00, 0.27
HSL	268°, 18%, 67%
HSV	268°, 16%, 73%
XYZ	36.8405, 35.3805, 50.7864
YIQ	162.6060, -1.2860, 12.2980

Conversions

Conversions Part 2

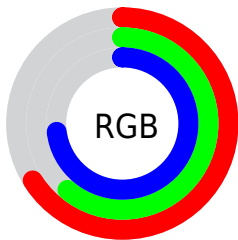
Format	Color
R_{YB}	169, 155, 185
Decimal	11115449
CIE _{Lab}	66.04, 10.92, -13.65
CIE _{LCh}	66, 17.481, 308.660
Yxy	35.3805, 0.2995, 0.2876
Android (android.graphics.Color)	4289305529 (0xFFA99BB9)
YUV	162.6060, 11.0402, 5.6075
Hunter-Lab	59.4815, 6.4632, -8.9858

Details

The XYZ color **36.8405, 35.3805, 50.7864** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.0612, 45.7234, 37.7261**, and the grayscale version is **34.5781, 36.3789, 39.6166**.

A 20% lighter version of the original color is **69.4181, 67.7991, 92.6469**, and **16.4513, 15.3485, 23.9253** is the 20% darker color. If you saturate the color by 10%, you get **31.9570, 28.6380, 49.7429**, and if you desaturate by 10%, it is **42.3576, 43.1517, 51.9962**.

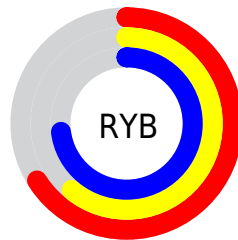
Distribution



Red (66%)

Green (61%)

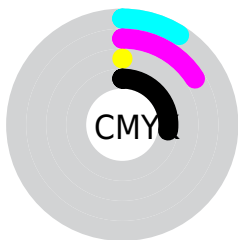
Blue (73%)



Red (66%)

Yellow (61%)

Blue (73%)

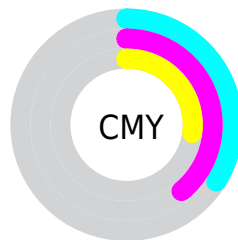


Cyan (9%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8405, 35.3805, 50.7864 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 36.8405, 35.3805, 50.7864 by changing the saturation by 10% instead.

■ 36.8405, 35.3805,
50.7864

■ 36.8405, 35.3805,
50.7864

323.9870,
326.2447, 406.5562

■ 25.2571, 23.9561,
35.6631

■ 69.6428, 68.0748,
92.7472

■ 16.3985, 15.3011,
23.8865

■ 91.5925, 90.1135,
120.4218

■ 9.8992, 9.0310,
15.0380

117.7283,
116.4592, 153.1173

■ 5.3939, 4.7614,
8.6991

148.4156,
147.4961, 191.2521

■ 2.5173, 2.1079,
4.4514

184.0198,
183.6087, 235.2449

■ 0.9040, 0.6691,
1.8761

224.9062,

■ 0.0000, 0.0000,

225.1814, 285.5141

0.4774

271.4401,
272.5986, 342.4784

■ 0.0000, 0.0000,
0.0000

■ 36.8405, 35.3805,
50.7864

■ 36.8405, 35.3805,
50.7864

■ 31.9570, 28.6380,
49.7429

■ 42.3576, 43.1517,
51.9962

■ 27.6791, 22.8752,
48.8560

■ 48.5285, 51.9890,
53.3767

■ 23.9811, 18.0456,
48.1187

■ 55.3765, 61.9333,
54.9352

■ 20.8341, 14.0971,
47.5225

■ 62.9226, 73.0221,
56.6778

■ 18.2065, 10.9722,
47.0578

■ 71.1870, 85.2909,
58.6104

16.0631, 8.6064,
46.7141

76.5773, 91.5505,
59.5345

14.3633, 6.9251,
46.4792

79.8015, 93.2126,
59.6854

13.0556, 5.8317,
46.3370

83.2074, 94.9684,
59.8448

12.6250, 5.4968,
46.2951

85.7571, 96.2828,
59.9641

Harmonies

Analogous

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



34.3845, 35.3805, 54.4375



36.8405, 35.3805, 50.7864



38.4901, 35.3805, 43.9579

Triad

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



36.8405, 35.3805, 50.7864



35.4757, 35.3805, 26.6932



28.9351, 35.3805, 40.7139

Complementary

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



36.8405, 35.3805, 50.7864



40.0612, 45.7234, 37.7261

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.



29.1938, 35.3805, 33.5563



36.8405, 35.3805, 50.7864



32.8829, 35.3805, 26.0590

Square

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



36.8405, 35.3805, 50.7864



37.6744, 35.3805, 30.2726



30.6081, 35.3805, 28.4126



29.8824, 35.3805, 48.1515

Rectangle

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



36.8405, 35.3805, 50.7864



38.8640, 35.3805, 38.8584



30.6081, 35.3805, 28.4126



28.8850, 35.3805, 38.1902

Sweetspot

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



36.8416, 35.3820, 50.7872



77.0535, 78.9790, 93.3879



36.9334, 39.7877, 51.6327



16.4526, 16.8007, 20.0973



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.



36.8416, 35.3820, 50.7872



63.1549, 59.4360, 90.3483



40.1269, 37.0757, 50.9409



8.9088, 8.9193, 11.3315



8.6790, 3.7854, 31.5263



0.3775, 0.1703, 1.1147

Inverse Universe

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



39.0808, 36.6988, 43.5536



67.8738, 62.2118, 75.0683



37.0739, 44.1833, 37.5863



9.1994, 9.0901, 10.3975



15.1834, 7.6471, 8.8524



0.5662, 0.2820, 0.4751

Previews

White Background



This preview shows how the XYZ color 36.8405, 35.3805, 50.7864 looks on a white background.

Color Contrast Check

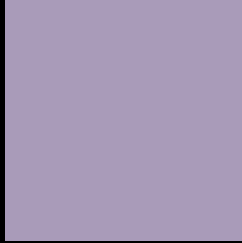
Large Text (above 18pt) WCAG AA × Fail

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 36.8405, 35.3805, 50.7864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

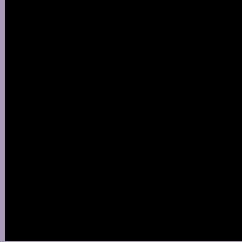
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.8405, 35.3805, 50.7864

Background



This preview shows how black text looks on a background with the XYZ color 36.8405, 35.3805, 50.7864.



This preview shows how white text looks on a background with the XYZ color 36.8405, 35.3805,

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

36.8405, 35.3805, 50.7864

Protanopia

34.9928, 35.3957, 52.5647

Deuteranopia

36.3310, 35.6161, 50.8587



Tritanopia

35.4189, 35.5715, 43.0294

Trichromacy



Original Color

36.8405, 35.3805, 50.7864

Protanomaly

35.6937, 35.5152, 51.9876

Deuteranomaly

36.3713, 35.3867, 50.8123

Tritanomaly

35.9433, 35.5339, 45.5218

Monochromacy



Original Color

36.8405, 35.3805, 50.7864

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.4385, 36.0812, 43.6246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8405, 35.3805, 50.7864 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(169, 155, 185)` looks like.

```
.text, #text, p{  
    color:rgb(169, 155, 185)  
}
```

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(169, 155, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 155, 185) }
```

Border

The CSS property to change the border of an element to XYZ 36.8405, 35.3805, 50.7864 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(169, 155, 185) }
```


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

```
.border{ border-color:rgb(169, 155, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 155, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 155, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 155, 185);  
box-shadow:4px 4px 4px 4px rgb(169, 155,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8405, 35.3805, 50.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 155, 185) }
```

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

```
.background{ background-color: rgb(169,  
155, 185) }
```

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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