

Converting Colors

XYZ(39.3645, 35.8663, 56.5215)

Have a look what the booklet for
XYZ(39.3645, 35.8663, 56.5215)
contains.

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Color

**XYZ(39.4387, 35.8616,
56.4731)**

Conversions

Conversions Part 1

Format	Color
Hex	B298C3
RGB	178, 152, 195
RGB Percent	70%, 60%, 76%
CMY	0.3020, 0.4039, 0.2353
CMYK	0.09, 0.22, 0.00, 0.24
HSL	276°, 26%, 68%
HSV	276°, 22%, 76%
XYZ	39.4387, 35.8616, 56.4731
YIQ	164.6760, 1.6930, 18.8850

Conversions

Conversions Part 2

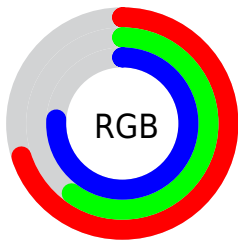
Format	Color
R _Y B	178, 152, 195
Decimal	11704515
CIE Lab	66.41, 17.70, -18.60
CIE LCh	66, 25.674, 313.585
Yxy	35.8616, 0.2993, 0.2721
Android (android.graphics.Color)	4289894595 (0xFFB298C3)
YUV	164.6760, 14.9497, 11.6851
Hunter-Lab	59.8846, 12.7583, -13.9932

Details

The XYZ color **39.4387, 35.8616, 56.4731** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.5460, 49.7331, 37.1172**, and the grayscale version is **35.5402, 37.3911, 40.7189**.

A 20% lighter version of the original color is **73.5737, 68.6633, 101.4711**, and **17.9188, 15.5904, 27.2641** is the 20% darker color. If you saturate the color by 10%, you get **34.8110, 29.1584, 55.4237**, and if you desaturate by 10%, it is **44.6884, 43.6598, 57.7022**.

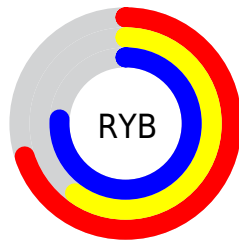
Distribution



Red (70%)

Green (60%)

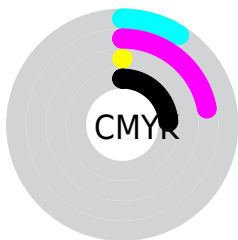
Blue (76%)



Red (70%)

Yellow (60%)

Blue (76%)

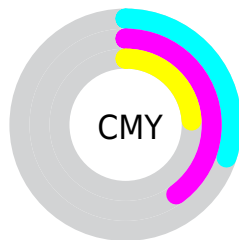


Cyan (9%)

Magenta (22%)

Yellow (0%)

Black (24%)



Cyan (30%)


Magenta (40%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4387, 35.8616, 56.4731 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 39.4387, 35.8616, 56.4731 by changing the saturation by 10% instead.


 39.4387, 35.8616,
56.4731


 39.4387, 35.8616,
56.4731

334.9272,
328.3552, 428.9103

 27.2834, 24.3273,
40.1758


 73.5978, 68.8184,
101.1886

 17.9239, 15.5766,
27.3608


 96.3324, 91.0097,
130.4440

 10.9947, 9.2251,
17.6096


123.3241,
117.5222, 164.8558

 6.1306, 4.8883,
10.5035

154.9383,
148.7401, 204.8426

 2.9660, 2.1819,
5.6241

191.5403,
185.0480, 250.8229

 1.1358, 0.7101,
2.5528

233.4956,

 0.0548, 0.0000,

226.8302, 303.2152

0.8680

281.1694,
274.4712, 362.4382

■ 0.0000, 0.0000,
0.0000

■ 39.4387, 35.8616,
56.4731

■ 39.4387, 35.8616,
56.4731

■ 34.8110, 29.1584,
55.4237

■ 44.6884, 43.6598,
57.7022

■ 30.7749, 23.4938,
54.5431

■ 50.5819, 52.5964,
59.1165

■ 27.3024, 18.8136,
53.8227

■ 57.1442, 62.7183,
60.7243

■ 24.3615, 15.0564,
53.2525

■ 64.3976, 74.0682,
62.5328

■ 21.9166, 12.1538,
52.8211

■ 72.3637, 86.6865,
64.5485

■ 19.9274, 10.0274,
52.5155

■ 76.4312, 91.3488,
65.2341

■ 18.3457, 8.5839,
52.3203

■ 78.8788, 92.6107,
65.3486

■ 17.3089, 7.7851,
52.2207

■ 81.4363, 93.9291,
65.4683

■ 84.1049, 95.3048,
65.5932

Harmonies

Analogous

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



35.8509, 35.8616, 63.4460



39.4387, 35.8616, 56.4731



41.6775, 35.8616, 45.3393

Triad

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



39.4387, 35.8616, 56.4731



36.2169, 35.8616, 22.0597



27.3945, 35.8616, 44.2326

Complementary

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



39.4387, 35.8616, 56.4731



41.5460, 49.7331, 37.1172

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.



27.4762, 35.8616, 33.3659



39.4387, 35.8616, 56.4731



32.3788, 35.8616, 21.8752

Square

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



39.4387, 35.8616, 56.4731



39.7239, 35.8616, 26.1971



29.2398, 35.8616, 25.6346



29.0074, 35.8616, 55.5328

Rectangle

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



39.4387, 35.8616, 56.4731



42.0063, 35.8616, 37.7387



29.2398, 35.8616, 25.6346



27.2286, 35.8616, 40.3855

Sweetspot

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



39.4398, 35.8631, 56.4739



85.1051, 85.8427, 104.5536



37.0258, 39.0674, 57.2196



18.4951, 18.5835, 22.8621



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.4398, 35.8631, 56.4739



66.8938, 58.7679, 100.2874



43.1059, 37.8084, 54.1438



10.0994, 10.0424, 12.6909



11.3465, 5.1097, 33.9449



0.5660, 0.2598, 1.4702

Inverse Universe

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



40.8965, 36.9247, 42.5093



70.0189, 61.0330, 70.8834



38.4915, 48.1170, 38.8463



10.2344, 10.1424, 11.3251



15.5391, 7.9054, 5.4852



0.7053, 0.3551, 0.4157

Previews

White Background



This preview shows how the XYZ color 39.4387, 35.8616, 56.4731 looks on a white background.

Color Contrast Check

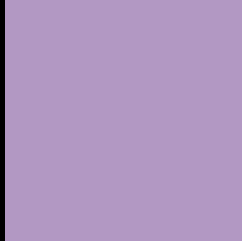
Large Text (above 18pt) WCAG AA × Fail

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 39.4387, 35.8616, 56.4731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

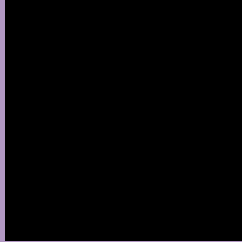
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4387, 35.8616, 56.4731

Background



This preview shows how black text looks on a background with the XYZ color 39.4387, 35.8616, 56.4731.



This preview shows how white text looks on a background with the XYZ color 39.4387, 35.8616,

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

39.4387, 35.8616, 56.4731

Protanopia

36.0623, 36.0341, 60.3129

Deuteranopia

36.6624, 35.9258, 56.0410



Tritanopia

36.6740, 35.9772, 42.5475

Trichromacy



Original Color

39.4387, 35.8616, 56.4731

Protanomaly

37.0637, 35.8145, 58.9923

Deuteranomaly

37.5624, 35.8875, 55.9862

Tritanomaly

37.4364, 35.7710, 47.0509

Monochromacy



Original Color

39.4387, 35.8616, 56.4731

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.9848, 36.8222, 46.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4387, 35.8616, 56.4731 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(178, 152, 195)` looks like.

```
.text, #text, p{  
    color:rgb(178, 152, 195)  
}
```

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(178, 152, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 152, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.4387, 35.8616, 56.4731 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(178, 152, 195) }
```


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

```
.border{ border-color:rgb(178, 152, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 152, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 152, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 152, 195);  
box-shadow:4px 4px 4px 4px rgb(178, 152,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4387, 35.8616, 56.4731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 152, 195) }
```

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

```
.background{ background-color: rgb(178,  
152, 195) }
```

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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