

Converting Colors

XYZ(39.6056, 34.7128, 48.3289)

Have a look what the booklet for
XYZ(39.6056, 34.7128, 48.3289)
contains.

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Color

**XYZ(39.6056, 34.7128,
48.3289)**

Conversions

Conversions Part 1

Format	Color
Hex	BD92B5
RGB	189, 146, 181
RGB Percent	74%, 57%, 71%
CMY	0.2588, 0.4274, 0.2902
CMYK	0.00, 0.23, 0.04, 0.26
HSL	311°, 25%, 66%
HSV	311°, 23%, 74%
XYZ	39.6056, 34.7128, 48.3289
YIQ	162.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

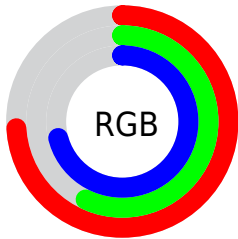
Format	Color
R_{YB}	189, 146, 181
Decimal	12423861
CIE _{Lab}	65.52, 22.06, -12.00
CIE _{LCh}	66, 25.114, 331.451
Yxy	34.7128, 0.3229, 0.2830
Android (android.graphics.Color)	4290613941 (0xFFBD92B5)
YUV	162.8470, 8.9494, 22.9362
Hunter-Lab	58.9176, 16.8856, -7.3921

Details

The XYZ color **39.6056, 34.7128, 48.3289** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.8857, 44.8402, 37.3374**, and the grayscale version is **34.6959, 36.5028, 39.7515**.

A 20% lighter version of the original color is **73.9464, 67.0158, 89.1587**, and **17.9802, 14.8938, 22.3492** is the 20% darker color. If you saturate the color by 10%, you get **36.5735, 29.2183, 45.5607**, and if you desaturate by 10%, it is **43.1305, 41.1772, 51.3071**.

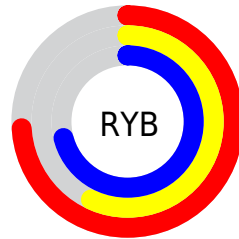
Distribution



Red (74%)

Green (57%)

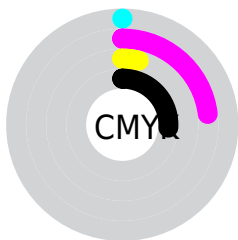
Blue (71%)



Red (74%)

Yellow (57%)

Blue (71%)

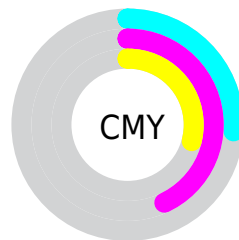


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (26%)



Cyan (26%)


Magenta (43%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6056, 34.7128, 48.3289 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 39.6056, 34.7128, 48.3289 by changing the saturation by 10% instead.


 39.6056, 34.7128,
48.3289


 39.6056, 34.7128,
48.3289

335.6214,
323.2988, 396.6406

 27.4140, 23.4417,
33.7256


 73.8507, 67.0406,
89.0645

 18.0226, 14.9200,
22.4072

 96.6350, 88.8661,
116.0339

 11.0660, 8.7633,
13.9552


123.6808,
114.9786, 147.9625

 6.1789, 4.5871,
7.9511

155.3536,
145.7624, 185.2686

 2.9958, 2.0071,
3.9764

192.0187,
181.6019, 228.3710

 1.1516, 0.6116,
1.6124

234.0415,

 0.0676, 0.0000,

222.8816, 277.6881

0.2996

281.7873,
269.9857, 333.6384

■ 0.0000, 0.0000,
0.0000

■ 39.6056, 34.7128,
48.3289

■ 39.6056, 34.7128,
48.3289

■ 36.5735, 29.2183,
45.5607

■ 43.1305, 41.1772,
51.3071

■ 34.0075, 24.6420,
42.9920

■ 47.1672, 48.6511,
54.5008

■ 31.8827, 20.9338,
40.6147

■ 51.7374, 57.1774,
57.9179

■ 30.1710, 18.0376,
38.4191

■ 56.8608, 66.7950,
61.5653

■ 28.8409, 15.8902,
36.3943

■ 62.5559, 77.5410,
65.4495

■ 27.8560, 14.4194,
34.5278

■ 67.4190, 86.6079,
69.1029

■ 27.1730, 13.5385,
32.8049

■ 67.8405, 86.7765,
71.3226

■ 26.8055, 13.1465,
31.6249

■ 68.2716, 86.9490,
73.5925

■ 68.7123, 87.1252,
75.9132

Harmonies

Analogous

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



36.8238, 34.7128, 57.8476



39.6056, 34.7128, 48.3289



40.5825, 34.7128, 37.2857

Triad

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



39.6056, 34.7128, 48.3289



32.8147, 34.7128, 20.9455



27.3192, 34.7128, 49.3831

Complementary

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



39.6056, 34.7128, 48.3289



35.8857, 44.8402, 37.3374

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.



26.4149, 34.7128, 38.3116



39.6056, 34.7128, 48.3289



29.4384, 34.7128, 23.0137

Square

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



39.6056, 34.7128, 48.3289



36.4910, 34.7128, 22.6472



27.1615, 34.7128, 28.9173



29.7269, 34.7128, 58.5315

Rectangle

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



39.6056, 34.7128, 48.3289



40.0252, 34.7128, 30.8610



27.1615, 34.7128, 28.9173



26.8377, 34.7128, 45.6999

Sweetspot

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



39.6066, 34.7143, 48.3296



81.2062, 81.0661, 95.0663



32.7699, 31.0923, 52.4188



17.3697, 17.2600, 20.3698



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.6066, 34.7143, 48.3296



68.2842, 57.3530, 84.1898



37.5780, 33.9029, 37.6470



9.8517, 9.6650, 11.6083



18.0617, 8.8558, 21.4164



0.7276, 0.3549, 0.9446

Inverse Universe

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



39.6066, 34.7143, 48.3296



68.2842, 57.3530, 84.1898



37.8284, 45.6172, 47.5674



9.8517, 9.6650, 11.6083



18.0617, 8.8558, 21.4164



0.7276, 0.3549, 0.9446

Previews

White Background



This preview shows how the XYZ color 39.6056, 34.7128, 48.3289 looks on a white background.

Color Contrast Check

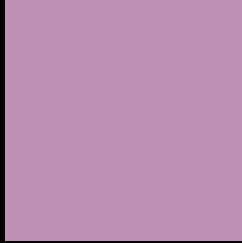
Large Text (above 18pt) WCAG AA × Fail

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 39.6056, 34.7128, 48.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

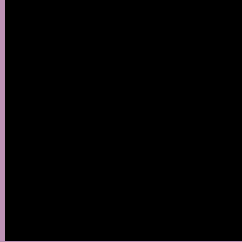
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6056, 34.7128, 48.3289

Background



This preview shows how black text looks on a background with the XYZ color 39.6056, 34.7128, 48.3289.



This preview shows how white text looks on a background with the XYZ color 39.6056, 34.7128,

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

39.6056, 34.7128, 48.3289

Protanopia

34.5490, 34.9001, 53.0596

Deuteranopia

35.5839, 34.8044, 47.4903



Tritanopia

37.5891, 34.8250, 38.4590

Trichromacy



Original Color

39.6056, 34.7128, 48.3289

Protanomaly

36.1444, 34.7634, 51.2594

Deuteranomaly

36.9220, 34.7504, 47.9415

Tritanomaly

38.3088, 34.8868, 41.7605

Monochromacy



Original Color

39.6056, 34.7128, 48.3289

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3259, 35.7869, 43.0232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6056, 34.7128, 48.3289 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(189, 146, 181)` looks like.

```
.text, #text, p{  
    color:rgb(189, 146, 181)  
}
```

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(189, 146, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 146, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.6056, 34.7128, 48.3289 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(189, 146, 181) }
```


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

```
.border{ border-color:rgb(189, 146, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 146, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 146, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 146, 181);  
box-shadow:4px 4px 4px 4px rgb(189, 146,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6056, 34.7128, 48.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 146, 181) }
```

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

```
.background{ background-color: rgb(189,  
146, 181) }
```

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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