

Converting Colors

XYZ(39.5763, 34.7912, 66.6856)

Have a look what the booklet for
XYZ(39.5763, 34.7912, 66.6856)
contains.

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Color

**XYZ(39.4868, 34.7039,
66.9047)**

Conversions

Conversions Part 1

Format	Color
Hex	AC94D4
RGB	172, 148, 212
RGB Percent	67%, 58%, 83%
CMY	0.3255, 0.4196, 0.1686
CMYK	0.19, 0.30, 0.00, 0.17
HSL	262°, 43%, 71%
HSV	262°, 30%, 83%
XYZ	39.4868, 34.7039, 66.9047
YIQ	162.4720, -6.2400, 24.9920

Conversions

Conversions Part 2

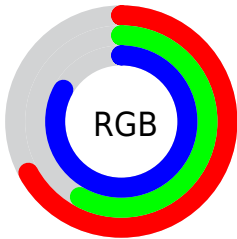
Format	Color
R_{YB}	172, 148, 212
Decimal	11310292
CIE _{Lab}	65.52, 21.72, -29.48
CIE _{LCh}	66, 36.618, 306.374
Yxy	34.7039, 0.2799, 0.2460
Android (android.graphics.Color)	4289500372 (0xFFAC94D4)
YUV	162.4720, 24.4173, 8.3561
Hunter-Lab	58.9100, 16.5543, -26.0992

Details

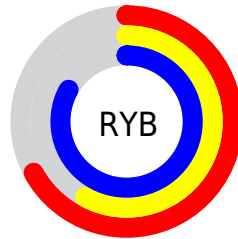
The XYZ color **39.4868, 34.7039, 66.9047** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6289, 59.9173, 36.9679**, and the grayscale version is **34.4560, 36.2504, 39.4767**.

A 20% lighter version of the original color is **71.1654, 65.9550, 103.5875**, and **17.9682, 14.9056, 33.8283** is the 20% darker color. If you saturate the color by 10%, you get **33.6967, 27.2271, 65.7673**, and if you desaturate by 10%, it is **46.1782, 43.5510, 68.2603**.

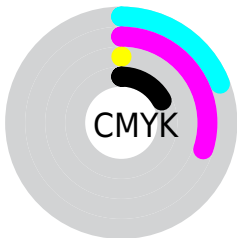
Distribution



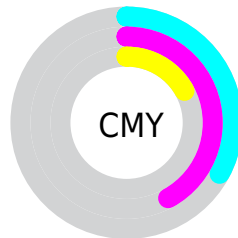
- Red (67%)
- Green (58%)
- Blue (83%)



- Red (67%)
- Yellow (58%)
- Blue (83%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)



- Cyan (33%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4868, 34.7039, 66.9047 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 39.4868, 34.7039, 66.9047 by changing the saturation by 10% instead.

■ 39.4868, 34.7039,
66.9047

■ 39.4868, 34.7039,
66.9047

335.1274,
323.2594, 468.0977

■ 27.3211, 23.4349,
48.5461

■ 73.6707, 67.0268,
116.4232

■ 17.9523, 14.9149,
33.8965

■ 96.4196, 88.8495,
148.4201

■ 11.0152, 8.7597,
22.5374

123.4269,
114.9588, 185.8003

■ 6.1445, 4.5848,
14.0502

155.0580,
145.7392, 228.9822

■ 2.9746, 2.0058,
8.0164

191.6783,
181.5751, 278.3843

■ 1.1404, 0.6108,
4.0175

233.6530,

■ 0.0585, 0.0000,

222.8508, 334.4252

1.6350

281.3476,
269.9508, 397.5235

■ 0.0000, 0.0000,
0.3156

■ 0.0000, 0.0000,
0.0000

■ 39.4868, 34.7039,
66.9047

■ 39.4868, 34.7039,
66.9047

■ 33.6967, 27.2271,
65.7673

■ 46.1782, 43.5510,
68.2603

■ 28.7627, 21.0454,
64.8341

■ 53.8062, 53.8297,
69.8422

■ 24.6406, 16.0828,
64.0935

■ 62.4084, 65.6029,
71.6613

■ 21.2805, 12.2531,
63.5314

■ 72.0194, 78.9283,
73.7268

■ 18.6262, 9.4586,
63.1319

■ 82.6717, 93.8606,
76.0476

■ 16.6122, 7.5838,
62.8762

■ 87.6090, 96.8763,
76.3694

■ 15.1499, 6.4373,
62.7320

■ 88.8838, 97.5335,
76.4291

Harmonies

Analogous

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



34.1432, 34.7039, 75.3953



39.4868, 34.7039, 66.9047



43.3642, 34.7039, 50.9023

Triad

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



39.4868, 34.7039, 66.9047



37.2931, 34.7039, 16.6725



23.7609, 34.7039, 41.1612

Complementary

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



39.4868, 34.7039, 66.9047



49.6289, 59.9173, 36.9679

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.



24.4101, 34.7039, 27.1429



39.4868, 34.7039, 66.9047



31.8533, 34.7039, 15.3785

Square

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



39.4868, 34.7039, 66.9047



42.0047, 34.7039, 22.8379



27.2392, 34.7039, 18.6459



25.3588, 34.7039, 58.1482

Rectangle

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



39.4868, 34.7039, 66.9047



44.3847, 34.7039, 39.6856



27.2392, 34.7039, 18.6459



23.7262, 34.7039, 35.9493

Sweetspot

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



39.4880, 34.7053, 66.9055



83.0790, 83.6017, 106.3657



42.1949, 47.2453, 69.1833



17.3930, 17.3651, 22.6850



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.



39.4880, 34.7053, 66.9055



54.3726, 45.4403, 100.5128



47.2305, 38.6967, 67.2678



12.1782, 12.2333, 15.6569



9.4552, 4.0268, 38.7321



0.6606, 0.2894, 2.3404

Inverse Universe

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



46.8194, 38.8090, 52.6014



67.3674, 52.7233, 74.7364



42.7036, 56.3472, 36.6438



12.7464, 12.5500, 14.6046



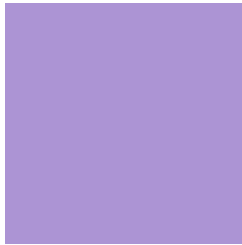
19.4043, 9.6980, 14.6991



1.2099, 0.6008, 1.0948

Previews

White Background



This preview shows how the XYZ color 39.4868, 34.7039, 66.9047 looks on a white background.

Color Contrast Check

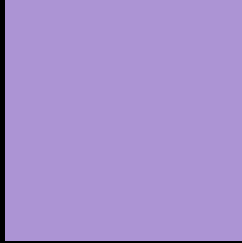
Large Text (above 18pt) WCAG AA × Fail

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 39.4868, 34.7039, 66.9047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

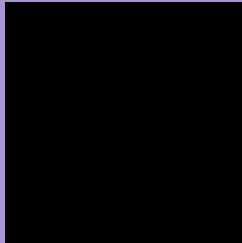
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4868, 34.7039, 66.9047

Background



This preview shows how black text looks on a background with the XYZ color 39.4868, 34.7039, 66.9047.



This preview shows how white text looks on a background with the XYZ color 39.4868, 34.7039,

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

39.4868, 34.7039, 66.9047

Protanopia

35.8277, 34.8911, 71.8642

Deuteranopia

35.7225, 34.9701, 65.8399



Tritanopia

34.3597, 34.5340, 42.3909

Trichromacy



Original Color

39.4868, 34.7039, 66.9047

Protanomaly

36.8992, 34.7445, 69.7273

Deuteranomaly

37.0238, 34.8823, 66.4096

Tritanomaly

36.0845, 34.5007, 50.6564

Monochromacy



Original Color

39.4868, 34.7039, 66.9047

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.0211, 35.5162, 48.1368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4868, 34.7039, 66.9047 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(172, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(172, 148, 212)  
}
```

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(172, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 148, 212) }
```

Border

The CSS property to change the border of an element to XYZ 39.4868, 34.7039, 66.9047 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(172, 148, 212) }
```


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

```
.border{ border-color:rgb(172, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(172, 148,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4868, 34.7039, 66.9047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 148, 212) }
```

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

```
.background{ background-color: rgb(172,  
148, 212) }
```

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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