

Converting Colors

XYZ(35.5172, 34.6680, 47.5952)

Have a look what the booklet for
XYZ(35.5172, 34.6680, 47.5952)
contains.

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Color

**XYZ(35.5839, 34.8044,
47.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	A69BB3
RGB	166, 155, 179
RGB Percent	65%, 61%, 70%
CMY	0.3490, 0.3921, 0.2980
CMYK	0.07, 0.13, 0.00, 0.30
HSL	267°, 14%, 65%
HSV	267°, 13%, 70%
XYZ	35.5839, 34.8044, 47.4903
YIQ	161.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

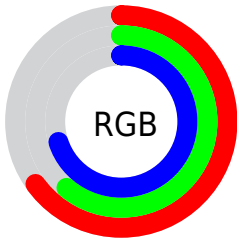
Format	Color
RYB	166, 155, 179
Decimal	10918835
CIELab	65.60, 8.66, -10.99
CIELCh	66, 13.991, 308.225
Yxy	34.8044, 0.3019, 0.2953
Android (android.graphics.Color)	4289108915 (0xFFA69BB3)
YUV	161.0250, 8.8617, 4.3631
Hunter-Lab	58.9953, 4.4233, -6.4309

Details

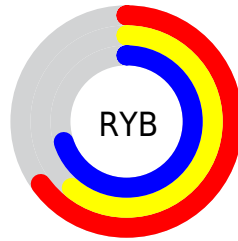
The XYZ color **35.5839, 34.8044, 47.4903** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1863, 42.9326, 37.2863**, and the grayscale version is **33.8493, 35.6121, 38.7816**.

A 20% lighter version of the original color is **67.6147, 66.9712, 87.9603**, and **15.6556, 14.9844, 21.8058** is the 20% darker color. If you saturate the color by 10%, you get **30.8665, 28.2739, 46.4790**, and if you desaturate by 10%, it is **40.8983, 42.3001, 48.6575**.

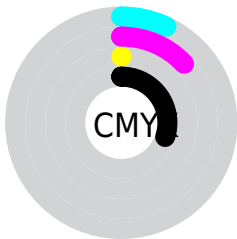
Distribution



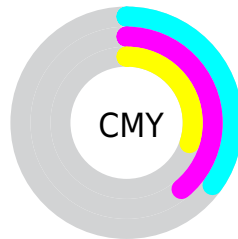
- Red (65%)
- Green (61%)
- Blue (70%)



- Red (65%)
- Yellow (61%)
- Blue (70%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (35%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5839, 34.8044, 47.4903 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 35.5839, 34.8044, 47.4903 by changing the saturation by 10% instead.

■ 35.5839, 34.8044,
47.4903

■ 35.5839, 34.8044,
47.4903

318.6012,
323.7041, 393.2185

■ 24.2816, 23.5122,
33.0663

■ 67.7174, 67.1826,
87.8027

■ 15.6685, 14.9722,
21.9057

■ 89.2794, 89.0375,
114.5281

■ 9.3793, 8.7999,
13.5900

114.9919,
115.1821, 146.1911

■ 5.0485, 4.6109,
7.7006

145.2205,
146.0007, 183.2102

■ 2.3108, 2.0208,
3.8189

180.3303,
181.8779, 226.0040

■ 0.8002, 0.6195,
1.5265

220.6868,

■ 0.0000, 0.0000,

223.1979, 274.9909

0.2376

266.6553,
270.3452, 330.5896

■ 0.0000, 0.0000,
0.0000

■ 35.5839, 34.8044,
47.4903

■ 35.5839, 34.8044,
47.4903

■ 30.8665, 28.2739,
46.4790

■ 40.8983, 42.3001,
48.6575

■ 26.7202, 22.6637,
45.6146

■ 46.8280, 50.7945,
49.9846

■ 23.1218, 17.9319,
44.8909

■ 53.3943, 60.3251,
51.4781

■ 20.0452, 14.0316,
44.3003

■ 60.6166, 70.9260,
53.1436

■ 17.4618, 10.9111,
43.8341

■ 68.5132, 82.6296,
54.9865

■ 15.3400, 8.5131,
43.4831

■ 74.6941, 90.6513,
56.2090

■ 13.6438, 6.7718,
43.2364

■ 77.7892, 92.2469,
56.3539

■ 12.3307, 5.6084,
43.0810

■ 81.0585, 93.9323,
56.5069

■ 11.6192, 5.0499,
43.0107

■ 84.5048, 95.7089,
56.6682

Harmonies

Analogous

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



33.6485, 34.8044, 50.2238



35.5839, 34.8044, 47.4903



36.8838, 34.8044, 42.2470

Triad

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



35.5839, 34.8044, 47.4903



34.5668, 34.8044, 28.3362



29.3251, 34.8044, 39.5367

Complementary

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



35.5839, 34.8044, 47.4903



38.1863, 42.9326, 37.2863

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.



29.5481, 34.8044, 33.8546



35.5839, 34.8044, 47.4903



32.5190, 34.8044, 27.7712

Square

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



35.5839, 34.8044, 47.4903



36.2799, 34.8044, 31.3219



30.6974, 34.8044, 29.6897



30.0750, 34.8044, 45.3312

Rectangle

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



35.5839, 34.8044, 47.4903



37.1855, 34.8044, 38.2474



30.6974, 34.8044, 29.6897



29.2894, 34.8044, 37.5469

Sweetspot

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



35.5849, 34.8059, 47.4911



72.5837, 74.8149, 86.9963



35.6952, 38.3037, 48.1604



15.9160, 16.3411, 19.2375



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.



35.5849, 34.8059, 47.4911



61.2033, 58.8119, 84.5072



38.1733, 36.1402, 47.6122



8.3996, 8.4145, 10.6878



8.2839, 3.6063, 30.3965



0.3282, 0.1483, 0.9596

Inverse Universe

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



37.3809, 35.8552, 41.9983



65.0629, 61.0676, 72.6718



35.7868, 41.6956, 37.1740



8.6824, 8.5797, 9.8261



14.6938, 7.3951, 8.8132



0.4914, 0.2443, 0.4301

Previews

White Background



This preview shows how the XYZ color 35.5839, 34.8044, 47.4903 looks on a white background.

Color Contrast Check

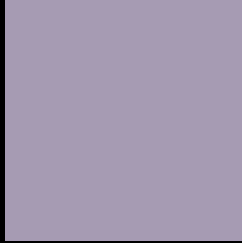
Large Text (above 18pt) WCAG AA × Fail

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 35.5839, 34.8044, 47.4903 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 35.5839, 34.8044, 47.4903

Background



This preview shows how black text looks on a background with the XYZ color 35.5839, 34.8044, 47.4903.



This preview shows how white text looks on a background with the XYZ color 35.5839, 34.8044,

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

35.5839, 34.8044, 47.4903

Protanopia

34.2777, 34.8578, 48.6377

Deuteranopia

35.5839, 34.8044, 47.4903



Tritanopia

34.5282, 34.8710, 42.4471

Trichromacy



Original Color

35.5839, 34.8044, 47.4903

Protanomaly

34.7924, 34.8828, 48.0793

Deuteranomaly

35.5839, 34.8044, 47.4903

Tritanomaly

34.9483, 34.7934, 44.4090

Monochromacy



Original Color

35.5839, 34.8044, 47.4903

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.5703, 35.4100, 42.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5839, 34.8044, 47.4903 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(166, 155, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 179)  
}
```

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(166, 155, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 179) }
```

Border

The CSS property to change the border of an element to XYZ 35.5839, 34.8044, 47.4903 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(166, 155, 179) }
```


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

```
.border{ border-color:rgb(166, 155, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5839, 34.8044, 47.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 179) }
```

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

```
.background{ background-color: rgb(166,  
155, 179) }
```

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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