

Converting Colors

XYZ(39.5488, 35.1245, 64.1189)

Have a look what the booklet for
XYZ(39.5488, 35.1245, 64.1189)
contains.

XYZ(39.5882, 35.0476, 64.3529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.5882, 35.0476,
64.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	AE95D0
RGB	174, 149, 208
RGB Percent	68%, 58%, 82%
CMY	0.3176, 0.4157, 0.1843
CMYK	0.16, 0.28, 0.00, 0.18
HSL	265°, 39%, 70%
HSV	265°, 28%, 82%
XYZ	39.5882, 35.0476, 64.3529
YIQ	163.2010, -4.0390, 23.6490

Conversions

Conversions Part 2

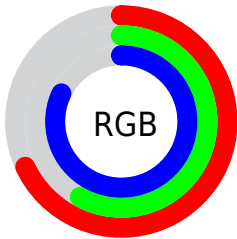
Format	Color
RYB	174, 149, 208
Decimal	11441616
CIELab	65.79, 20.88, -26.83
CIELCh	66, 33.998, 307.889
Yxy	35.0476, 0.2848, 0.2522
Android (android.graphics.Color)	4289631696 (0xFFAE95D0)
YUV	163.2010, 22.0859, 9.4707
Hunter-Lab	59.2010, 15.7626, -23.0089

Details

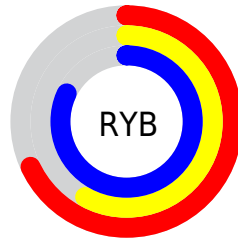
The XYZ color **39.5882, 35.0476, 64.3529** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.5102, 57.3498, 37.0008**, and the grayscale version is **34.8089, 36.6217, 39.8810**.

A 20% lighter version of the original color is **72.0391, 66.7549, 103.6959**, and **18.0026, 15.1002, 32.1028** is the 20% darker color. If you saturate the color by 10%, you get **34.0345, 27.7286, 63.2335**, and if you desaturate by 10%, it is **45.9702, 43.6677, 65.6809**.

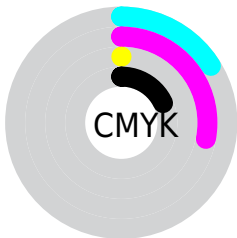
Distribution



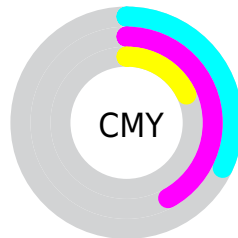
- Red (68%)
- Green (58%)
- Blue (82%)



- Red (68%)
- Yellow (58%)
- Blue (82%)



- Cyan (16%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)





- Cyan (32%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5882, 35.0476, 64.3529 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 39.5882, 35.0476, 64.3529 by changing the saturation by 10% instead.


 39.5882, 35.0476,
64.3529


 39.5882, 35.0476,
64.3529


335.5491,
324.7784, 458.7053

 27.4004, 23.6995,
46.4886


 73.8244, 67.5595,
112.7234

 18.0123, 15.1109,
32.2801

 96.6034, 89.4921,
144.0666

 11.0586, 8.8972,
21.3089


123.6436,
115.7218, 180.7398

 6.1738, 4.6742,
13.1566

155.3103,
146.6327, 223.1616

 2.9927, 2.0574,
7.4045

191.9689,
182.6095, 271.7505

 1.1499, 0.6405,
3.6340

233.9846,

 0.0663, 0.0000,

224.0364, 326.9251

1.4268

281.7229,
271.2979, 389.1038

■ 0.0000, 0.0000,
0.1625

■ 0.0000, 0.0000,
0.0000

■ 39.5882, 35.0476,
64.3529

■ 39.5882, 35.0476,
64.3529

■ 34.0345, 27.7286,
63.2335

■ 45.9702, 43.6677,
65.6809

■ 29.2682, 21.6406,
62.3096

■ 53.2120, 53.6455,
67.2252

■ 25.2497, 16.7133,
61.5703

■ 61.3475, 65.0396,
68.9957

■ 21.9345, 12.8675,
61.0027

■ 70.4077, 77.9036,
71.0012

■ 19.2723, 10.0132,
60.5921

■ 80.4222, 92.2886,
73.2499

■ 17.2050, 8.0454,
60.3212

■ 85.1238, 95.6528,
73.6515

■ 15.6481, 6.8065,
60.1642

■ 88.3853, 97.3341,
73.8041

■ 15.4226, 6.6354,
60.1430

Harmonies

Analogous

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



34.6521, 35.0476, 72.5518



39.5882, 35.0476, 64.3529



43.0625, 35.0476, 49.5220

Triad

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



39.5882, 35.0476, 64.3529



37.0728, 35.0476, 17.8753



24.6479, 35.0476, 42.0762

Complementary

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



39.5882, 35.0476, 64.3529



47.5102, 57.3498, 37.0008

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.



25.1566, 35.0476, 28.6856



39.5882, 35.0476, 64.3529



32.0063, 35.0476, 16.8295

Square

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



39.5882, 35.0476, 64.3529



41.5117, 35.0476, 23.5954



27.7363, 35.0476, 20.2591



26.2696, 35.0476, 57.7464

Rectangle

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



39.5882, 35.0476, 64.3529



43.9012, 35.0476, 39.1867



27.7363, 35.0476, 20.2591



24.5787, 35.0476, 37.1531

Sweetspot

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



39.5893, 35.0490, 64.3537



83.4613, 83.7987, 106.3836



40.8003, 44.9840, 66.2075



17.4869, 17.4135, 22.6894



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.



39.5893, 35.0490, 64.3537



57.2951, 48.3206, 100.9148



46.7849, 38.7585, 64.6904



11.6317, 11.6590, 14.8810



9.7174, 4.1898, 37.4890



0.6331, 0.2805, 2.1004

Inverse Universe

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



45.3082, 38.3250, 49.8104



67.9874, 54.4519, 73.4371



41.2924, 54.1444, 36.7098



12.0902, 11.9208, 13.7508



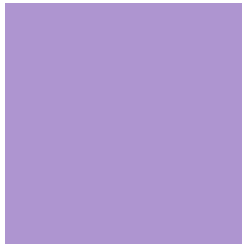
18.3695, 9.2206, 12.1176



1.0663, 0.5312, 0.8841

Previews

White Background



This preview shows how the XYZ color 39.5882, 35.0476, 64.3529 looks on a white background.

Color Contrast Check

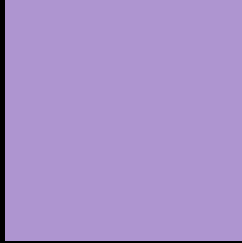
Large Text (above 18pt) WCAG AA × Fail

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 39.5882, 35.0476, 64.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

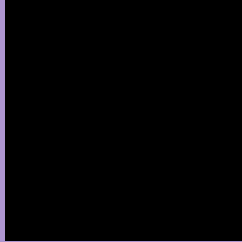
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5882, 35.0476, 64.3529

Background



This preview shows how black text looks on a background with the XYZ color 39.5882, 35.0476, 64.3529.



This preview shows how white text looks on a background with the XYZ color 39.5882, 35.0476,

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

39.5882, 35.0476, 64.3529

Protanopia

35.9942, 35.2893, 69.2044

Deuteranopia

35.9600, 35.1495, 63.2817



Tritanopia

34.9862, 34.8570, 42.4202

Trichromacy



Original Color

39.5882, 35.0476, 64.3529

Protanomaly

37.1226, 35.1647, 67.1183

Deuteranomaly

37.1162, 34.9871, 63.8284

Tritanomaly

36.5160, 34.7474, 49.5821

Monochromacy



Original Color

39.5882, 35.0476, 64.3529

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.2999, 35.9239, 47.6686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5882, 35.0476, 64.3529 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(174, 149, 208)` looks like.

```
.text, #text, p{  
    color:rgb(174, 149, 208)  
}
```

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(174, 149, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 149, 208) }
```

Border

The CSS property to change the border of an element to XYZ 39.5882, 35.0476, 64.3529 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(174, 149, 208) }
```


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

```
.border{ border-color:rgb(174, 149, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 149, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 149, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 149, 208);  
box-shadow:4px 4px 4px 4px rgb(174, 149,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5882, 35.0476, 64.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 149, 208) }
```

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

```
.background{ background-color: rgb(174,  
149, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor