

Converting Colors

XYZ(39.3766, 41.9805, 49.3210)

Have a look what the booklet for
XYZ(39.3766, 41.9805, 49.3210)
contains.

XYZ(39.5045, 42.1707, 49.2377)	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(39.5045, 42.1707,
49.2377)**

Conversions

Conversions Part 1	
Format	Color
Hex	A7AFB4
RGB	167, 175, 180
RGB Percent	65%, 69%, 71%
CMY	0.3451, 0.3137, 0.2941
CMYK	0.07, 0.03, 0.00, 0.29
HSL	203°, 8%, 68%
HSV	203°, 7%, 71%
XYZ	39.5045, 42.1707, 49.2377
YIQ	173.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

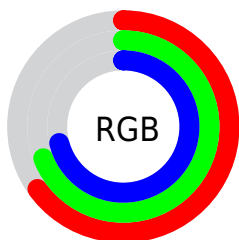
Format	Color
RYB	167, 172, 180
Decimal	10989492
CIELab	70.99, -1.81, -3.53
CIELCh	71, 3.969, 242.874
Yxy	42.1707, 0.3018, 0.3221
Android (android.graphics.Color)	4289179572 (0xFFA7AFB4)
YUV	173.1780, 3.3632, -5.4181
Hunter-Lab	64.9390, -5.0558, 0.5027

Details

The XYZ color **39.5045, 42.1707, 49.2377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5501, 41.9980, 42.5290**, and the grayscale version is **39.7980, 41.8705, 45.5970**.

A 20% lighter version of the original color is **73.5613, 78.1794, 90.5699**, and **17.9840, 19.3431, 22.8644** is the 20% darker color. If you saturate the color by 10%, you get **34.6513, 37.7216, 48.6354**, and if you desaturate by 10%, it is **44.9585, 47.0343, 49.8897**.

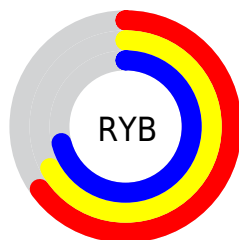
Distribution



Red (65%)

Green (69%)

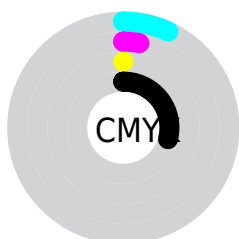
Blue (71%)



Red (65%)

Yellow (67%)

Blue (71%)

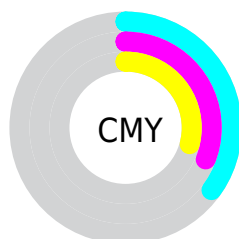


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (35%)


Magenta (31%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5045, 42.1707, 49.2377 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 39.5045, 42.1707, 49.2377 by changing the saturation by 10% instead.


 39.5045, 42.1707,
49.2377


 39.5045, 42.1707,
49.2377


335.2010,
355.1901, 400.3267

 27.3349, 29.2350,
34.4411


 73.6975, 78.4579,
90.4290

 17.9628, 19.2586,
22.9526


 96.4517, 102.5782,
117.6609

 11.0228, 11.8573,
14.3535


123.4648,
131.1954, 149.8749

 6.1496, 6.6466,
8.2254

155.1021,
164.6940, 187.4897

 2.9778, 3.2421,
4.1497

191.7290,
203.4584, 230.9237

 1.1420, 1.2594,
1.7078


233.7109,


 0.0598, 0.1094,


247.8730, 280.5955


0.3661

281.4131,
298.3220, 336.9236


 0.0000, 0.0000,
0.0000


 39.5045, 42.1707,
49.2377


 39.5045, 42.1707,
49.2377


 34.6513, 37.7216,
48.6354


 44.9585, 47.0343,
49.8897


 30.3724, 33.6683,
48.0785


 51.0311, 52.3196,
50.5898


 26.6448, 29.9987,
47.5667

 57.7439, 58.0402,
51.3402

 23.4424, 26.6976,
47.0983

 65.1162, 64.2078,
52.1420

 20.7367, 23.7487,
46.6717

 72.4264, 70.4514,
52.9619

■ 18.4966, 21.1343,
46.2852

■ 74.1676, 73.9337,
53.5423

■ 16.6867, 18.8345,
45.9366

■ 75.9834, 77.5655,
54.1476

■ 15.2662, 16.8264,
45.6239

■ 77.8749, 81.3485,
54.7781

■ 14.1761, 15.0779,
45.3439

■ 79.8429, 85.2845,
55.4341

Harmonies

Analogous

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



39.0226, 42.1707, 47.9237



39.5045, 42.1707, 49.2377



40.1458, 42.1707, 49.6541

Triad

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



39.5045, 42.1707, 49.2377



41.3666, 42.1707, 45.7342



39.3951, 42.1707, 42.9230

Complementary

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



39.5045, 42.1707, 49.2377



40.5501, 41.9980, 42.5290

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.



40.0182, 42.1707, 42.3718



39.5045, 42.1707, 49.2377



41.1604, 42.1707, 43.9666

Square

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



39.5045, 42.1707, 49.2377



41.2254, 42.1707, 47.5987



40.6651, 42.1707, 42.7485



38.9599, 42.1707, 44.2748

Rectangle

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



39.5045, 42.1707, 49.2377



40.5787, 42.1707, 49.3575



40.6651, 42.1707, 42.7485



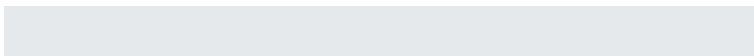
39.5893, 42.1707, 42.6397

Sweetspot

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



39.5057, 42.1725, 49.2386



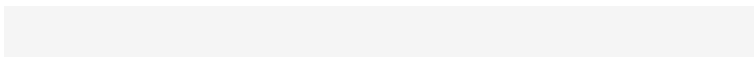
76.6226, 80.9454, 89.8802



39.7030, 43.8366, 45.3907



16.5841, 17.5159, 19.4291



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.



39.5057, 42.1725, 49.2386



69.8475, 74.8502, 89.0608



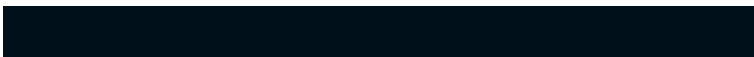
38.2734, 39.7078, 48.8279



8.4628, 9.0719, 10.8113



9.7691, 10.3386, 31.6176



0.3618, 0.4341, 1.0130

Inverse Universe

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



40.3799, 40.4366, 46.2363



71.8397, 70.9451, 82.2075



41.8148, 44.5275, 42.9506



8.7088, 8.5902, 9.9650



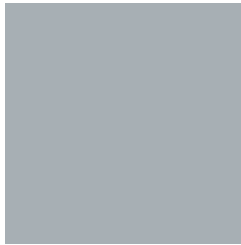
15.1656, 7.5838, 11.2982



0.5046, 0.2496, 0.5000

Previews

White Background



This preview shows how the XYZ color 39.5045, 42.1707, 49.2377 looks on a white background.

Color Contrast Check

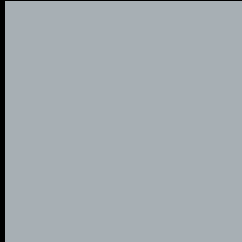
Large Text (above 18pt) WCAG AA × Fail

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 39.5045, 42.1707, 49.2377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

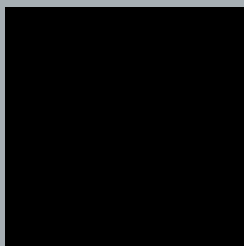
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

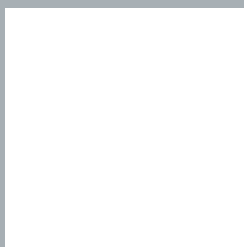
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5045, 42.1707, 49.2377

Background



This preview shows how black text looks on a background with the XYZ color 39.5045, 42.1707, 49.2377.



This preview shows how white text looks on a background with the XYZ color 39.5045, 42.1707,

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

39.5045, 42.1707, 49.2377

Protanopia

40.7594, 42.2558, 48.6558

Deuteranopia

42.8366, 41.9063, 49.5470



Tritanopia

40.3616, 42.2278, 53.6004

Trichromacy



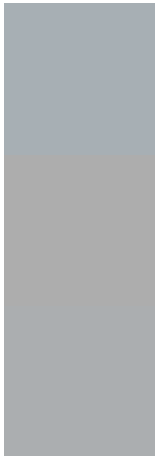
Original Color
39.5045, 42.1707, 49.2377

Protanomaly
40.2860, 42.2974, 48.6887

Deuteranomaly
41.7258, 42.1653, 49.6556

Tritanomaly
40.0415, 42.0997, 51.9146

Monochromacy



Original Color
39.5045, 42.1707, 49.2377

Achromatopsia
39.7200, 41.7885, 45.5077

Achromatomaly
39.7671, 42.0646, 47.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5045, 42.1707, 49.2377 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(167, 175, 180) looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 180)  
}
```

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(167, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.5045, 42.1707, 49.2377 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(167, 175, 180) }
```


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

```
.border{ border-color:rgb(167, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 175,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5045, 42.1707, 49.2377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 175, 180) }
```

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

```
.background{ background-color: rgb(167,  
175, 180) }
```

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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