

Converting Colors

XYZ(39.1260, 42.4307, 49.3374)

Have a look what the booklet for
XYZ(39.1260, 42.4307, 49.3374)
contains.

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Color

**XYZ(39.2702, 42.6321,
49.3391)**

Conversions

Conversions Part 1

Format	Color
Hex	A4B1B4
RGB	164, 177, 180
RGB Percent	64%, 69%, 71%
CMY	0.3569, 0.3059, 0.2941
CMYK	0.09, 0.02, 0.00, 0.29
HSL	191°, 10%, 67%
HSV	191°, 9%, 71%
XYZ	39.2702, 42.6321, 49.3391
YIQ	173.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

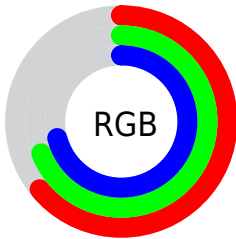
Format	Color
RYB	164, 171, 180
Decimal	10793396
CIELab	71.30, -3.91, -3.09
CIELCh	71, 4.986, 218.331
Yxy	42.6321, 0.2992, 0.3248
Android (android.graphics.Color)	4288983476 (0xFFA4B1B4)
YUV	173.4550, 3.2267, -8.2920
Hunter-Lab	65.2933, -6.9056, 0.9026

Details

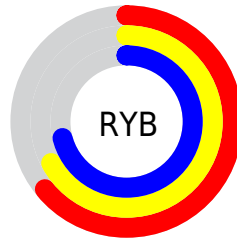
The XYZ color **39.2702, 42.6321, 49.3391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3421, 40.0208, 40.7739**, and the grayscale version is **39.9410, 42.0211, 45.7609**.

A 20% lighter version of the original color is **73.4927, 79.3940, 90.8080**, and **17.7205, 19.3924, 22.8878** is the 20% darker color. If you saturate the color by 10%, you get **35.1577, 39.5366, 48.9590**, and if you desaturate by 10%, it is **43.9274, 46.0351, 49.7512**.

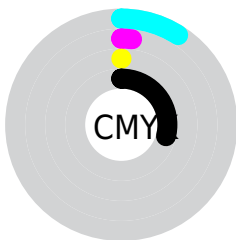
Distribution



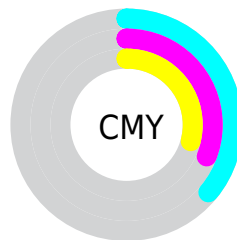
- Red (64%)
- Green (69%)
- Blue (71%)



- Red (64%)
- Yellow (67%)
- Blue (71%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2702, 42.6321, 49.3391 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 39.2702, 42.6321, 49.3391 by changing the saturation by 10% instead.

■ 39.2702, 42.6321,
49.3391

■ 39.2702, 42.6321,
49.3391

334.2253,
357.0966, 400.7365

■ 27.1517, 29.5966,
34.5211

■ 73.3423, 79.1554,
90.5811

■ 17.8243, 19.5326,
23.0136

■ 96.0267, 103.4119,
117.8421

■ 10.9229, 12.0557,
14.3981

122.9636,
132.1776, 150.0878

■ 6.0819, 6.7816,
8.2562

154.5185,
165.8368, 187.7369

■ 2.9361, 3.3259,
4.1692

191.0568,
204.7739, 231.2077

■ 1.1200, 1.3042,
1.7186

232.9438,

■ 0.0418, 0.1444,

249.3733, 280.9189

0.3734

280.5449,
300.0194, 337.2890

■ 0.0000, 0.0000,
0.0000

■ 39.2702, 42.6321,
49.3391

■ 39.2702, 42.6321,
49.3391

■ 35.1577, 39.5366,
48.9590

■ 43.9274, 46.0351,
49.7512

■ 31.5642, 36.7317,
48.6070

■ 49.1464, 49.7513,
50.1934

■ 28.4672, 34.2069,
48.2829

■ 54.9481, 53.7926,
50.6676

■ 25.8412, 31.9489,
47.9855

■ 61.3512, 58.1688,
51.1749

■ 23.6583, 29.9430,
47.7133

■ 68.3736, 62.8895,
51.7159

■ 21.8878, 28.1732,
47.4651

■ 69.4981, 64.5949,
51.9858

■ 20.4946, 26.6213,
47.2389

■ 70.2736, 66.1458,
52.2443

■ 19.4378, 25.2659,
47.0330

■ 71.0663, 67.7313,
52.5085

■ 18.6438, 24.0691,
46.8439

■ 71.8764, 69.3514,
52.7786

Harmonies

Analogous

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



38.9477, 42.6321, 47.0907



39.2702, 42.6321, 49.3391



39.9287, 42.6321, 50.8391

Triad

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



39.2702, 42.6321, 49.3391



42.0358, 42.6321, 48.1432



40.2876, 42.6321, 42.0031

Complementary

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



39.2702, 42.6321, 49.3391



39.3421, 40.0208, 40.7739

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.



41.1181, 42.6321, 42.2630



39.2702, 42.6321, 49.3391



42.1351, 42.6321, 45.7539

Square

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



39.2702, 42.6321, 49.3391



41.5277, 42.6321, 50.1323



41.7971, 42.6321, 43.6167



39.5298, 42.6321, 42.8940

Rectangle

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



39.2702, 42.6321, 49.3391



40.4737, 42.6321, 51.1842



41.7971, 42.6321, 43.6167



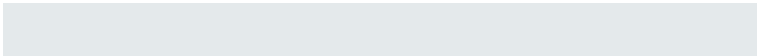
40.5674, 42.6321, 41.9594

Sweetspot

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



39.2714, 42.6339, 49.3400



76.0125, 80.8349, 89.8910



38.6007, 43.3233, 42.8553



16.2823, 17.3643, 19.4157



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.



39.2714, 42.6339, 49.3400



69.4056, 75.9637, 89.2990



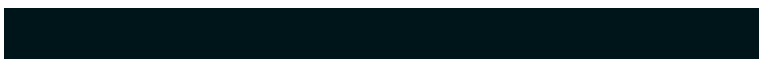
37.7491, 39.5893, 48.8326



8.6047, 9.3555, 10.8586



13.0000, 16.8003, 32.6946



0.4440, 0.5986, 1.0404

Inverse Universe

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



40.0346, 39.4294, 47.0977



71.1290, 68.7941, 84.2203



40.8409, 43.0184, 41.2734



8.7804, 8.6189, 10.3420



16.7964, 8.2361, 19.8858



0.5461, 0.2662, 0.7187

Previews

White Background



This preview shows how the XYZ color 39.2702, 42.6321, 49.3391 looks on a white background.

Color Contrast Check

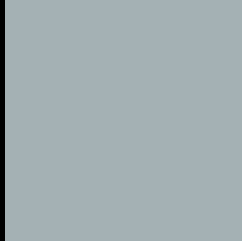
Large Text (above 18pt) WCAG AA × Fail

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 39.2702, 42.6321, 49.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

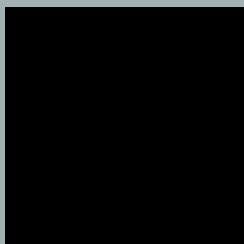
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

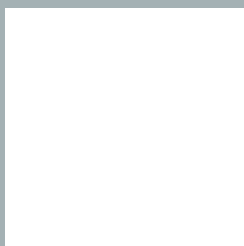
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2702, 42.6321, 49.3391

Background



This preview shows how black text looks on a background with the XYZ color 39.2702, 42.6321, 49.3391.



This preview shows how white text looks on a background with the XYZ color 39.2702, 42.6321,

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

39.2702, 42.6321, 49.3391

Protanopia

40.8839, 42.3316, 48.1355

Deuteranopia

43.3705, 42.4447, 50.1627



Tritanopia

40.4365, 42.8318, 54.2802

Trichromacy



Original Color

39.2702, 42.6321, 49.3391

Protanomaly

40.2860, 42.2974, 48.6887

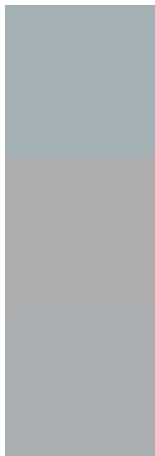
Deuteranomaly

41.6834, 42.4249, 49.7079

Tritanomaly

39.9053, 42.5952, 52.5728

Monochromacy



Original Color

39.2702, 42.6321, 49.3391

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.5501, 41.9527, 47.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2702, 42.6321, 49.3391 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(164, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 177, 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(164, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.2702, 42.6321, 49.3391 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(164, 177, 180) }
```


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

```
.border{ border-color:rgb(164, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(164, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2702, 42.6321, 49.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 177, 180) }
```

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

```
.background{ background-color: rgb(164,  
177, 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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