

Converting Colors

XYZ(39.9761, 42.7109, 49.1439)

Have a look what the booklet for
XYZ(39.9761, 42.7109, 49.1439)
contains.

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Color

**XYZ(39.9120, 42.6708,
49.3127)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B0B4
RGB	168, 176, 180
RGB Percent	66%, 69%, 71%
CMY	0.3412, 0.3098, 0.2941
CMYK	0.07, 0.02, 0.00, 0.29
HSL	200°, 7%, 68%
HSV	200°, 7%, 71%
XYZ	39.9120, 42.6708, 49.3127
YIQ	174.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

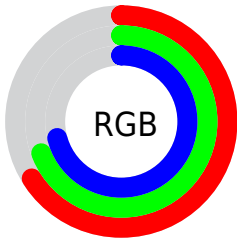
Format	Color
R_{YB}	168, 173, 180
Decimal	11055284
CIE Lab	71.33, -2.01, -3.02
CIE LCh	71, 3.626, 236.386
Yxy	42.6708, 0.3026, 0.3235
Android (android.graphics.Color)	4289245364 (0xFFA8B0B4)
YUV	174.0640, 2.9264, -5.3181
Hunter-Lab	65.3229, -5.2523, 0.9676

Details

The XYZ color **39.9120, 42.6708, 49.3127** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6429, 42.0351, 43.0179**, and the grayscale version is **40.2537, 42.3500, 46.1191**.

A 20% lighter version of the original color is **74.4284, 79.4573, 90.7709**, and **18.2409, 19.6606, 22.9122** is the 20% darker color. If you saturate the color by 10%, you get **35.1925, 38.5321, 48.7632**, and if you desaturate by 10%, it is **45.2163, 47.1905, 49.9062**.

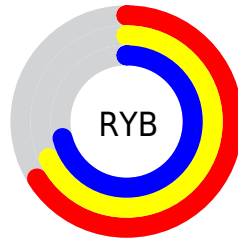
Distribution



Red (66%)

Green (69%)

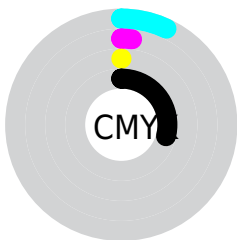
Blue (71%)



Red (66%)

Yellow (68%)

Blue (71%)

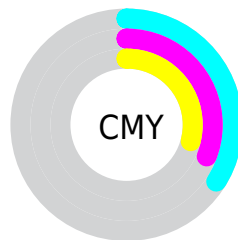


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9120, 42.6708, 49.3127 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 39.9120, 42.6708, 49.3127 by changing the saturation by 10% instead.

■ 39.9120, 42.6708,
49.3127

■ 39.9120, 42.6708,
49.3127

336.8933,
357.2562, 400.6299

■ 27.6538, 29.6269,
34.5002

■ 74.3147, 79.2138,
90.5415

■ 18.2040, 19.5556,
22.9977

■ 97.1899, 103.4818,
117.7949

■ 11.1971, 12.0724,
14.3865

124.3349,
132.2599, 150.0324

■ 6.2679, 6.7930,
8.2482

156.1150,
165.9325, 187.6725

■ 3.0508, 3.3330,
4.1641

192.8955,
204.8840, 231.1338

■ 1.1807, 1.3079,
1.7158

235.0418,

■ 0.0910, 0.1473,

249.4989, 280.8347

0.3715

282.9193,
300.1615, 337.1939

■ 0.0000, 0.0000,
0.0000

■ 39.9120, 42.6708,
49.3127

■ 39.9120, 42.6708,
49.3127

■ 35.1925, 38.5321,
48.7632

■ 45.2163, 47.1905,
49.9062

■ 31.0320, 34.7564,
48.2538

■ 51.1229, 52.0975,
50.5420

■ 27.4076, 31.3323,
47.7839

■ 57.6529, 57.4049,
51.2223

■ 24.2940, 28.2455,
47.3522

■ 64.8254, 63.1235,
51.9480

■ 21.6631, 25.4807,
46.9572

■ 71.5455, 68.6897,
52.6682

■ 19.4843, 23.0209,
46.5972

■ 73.0165, 71.6316,
53.1586

■ 17.7230, 20.8472,
46.2705

■ 74.5431, 74.6848,
53.6674

■ 16.3392, 18.9378,
45.9749

■ 76.1259, 77.8505,
54.1950

■ 15.2782, 17.2636,
45.7076

■ 77.7656, 81.1299,
54.7416

Harmonies

Analogous

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



39.5165, 42.6708, 47.9688



39.9120, 42.6708, 49.3127



40.4835, 42.6708, 49.8920

Triad

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



39.9120, 42.6708, 49.3127



41.7382, 42.6708, 46.6731



40.0387, 42.6708, 43.5190

Complementary

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



39.9120, 42.6708, 49.3127



40.6429, 42.0351, 43.0179

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.



40.6312, 42.6708, 43.1915



39.9120, 42.6708, 49.3127



41.6162, 42.6708, 44.9856

Square

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



39.9120, 42.6708, 49.3127



41.5411, 42.6708, 48.3441



41.2095, 42.6708, 43.7219



39.5892, 42.6708, 44.6279

Rectangle

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



39.9120, 42.6708, 49.3127



40.8888, 42.6708, 49.7561



41.2095, 42.6708, 43.7219



40.2276, 42.6708, 43.3151

Sweetspot

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



39.9132, 42.6726, 49.3136



76.6907, 81.0817, 89.9029



39.8976, 43.9389, 45.3080



16.5981, 17.5438, 19.4337



86.6293, 91.1408, 99.2523



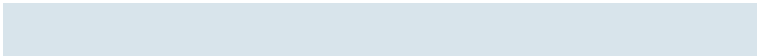
17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.9132, 42.6726, 49.3136



71.0463, 76.2272, 89.2634



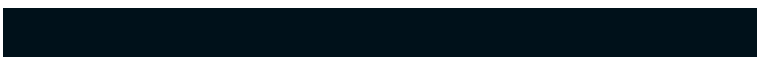
38.7996, 40.4453, 48.9424



8.4994, 9.1451, 10.8235



10.5047, 11.8098, 31.8629



0.3815, 0.4735, 1.0195

Inverse Universe

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



40.6624, 40.8440, 46.8170



72.6939, 72.2407, 83.7651



41.7716, 44.2924, 43.3942



8.7273, 8.5976, 10.0623



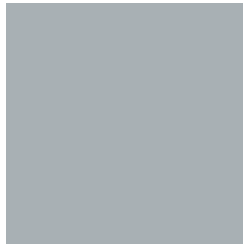
15.5370, 7.7323, 13.2535



0.5146, 0.2536, 0.5524

Previews

White Background



This preview shows how the XYZ color 39.9120, 42.6708, 49.3127 looks on a white background.

Color Contrast Check

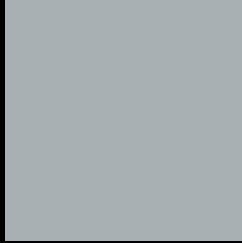
Large Text (above 18pt) WCAG AA × Fail

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 39.9120, 42.6708, 49.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

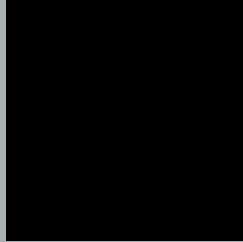
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.9120, 42.6708, 49.3127

Background



This preview shows how black text looks on a background with the XYZ color 39.9120, 42.6708, 49.3127.



This preview shows how white text looks on a background with the XYZ color 39.9120, 42.6708,

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

39.9120, 42.6708, 49.3127

Protanopia

41.1772, 42.7569, 48.7305

Deuteranopia

43.2675, 42.4035, 49.6203



Tritanopia

40.8775, 42.7691, 54.2449

Trichromacy



Original Color

39.9120, 42.6708, 49.3127

Protanomaly

40.7002, 42.7989, 48.7637

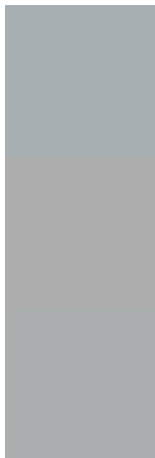
Deuteranomaly

42.1491, 42.6650, 49.7297

Tritanomaly

40.5551, 42.6401, 52.5473

Monochromacy



Original Color

39.9120, 42.6708, 49.3127

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1797, 42.5652, 47.1725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9120, 42.6708, 49.3127 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(168, 176, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 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(168, 176, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 180) }
```

Border

The CSS property to change the border of an element to XYZ 39.9120, 42.6708, 49.3127 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(168, 176, 180) }
```


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

```
.border{ border-color:rgb(168, 176, 180) }
```

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

Here you see how a box with a 4 pixel rgb(168, 176, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9120, 42.6708, 49.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 180) }
```

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

```
.background{ background-color: rgb(168,  
176, 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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