

Converting Colors

XYZ(39.5706, 42.4137, 47.7671)

Have a look what the booklet for
XYZ(39.5706, 42.4137, 47.7671)
contains.

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Color

**XYZ(39.6096, 42.5498,
47.7203)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B0B1
RGB	168, 176, 177
RGB Percent	66%, 69%, 69%
CMY	0.3412, 0.3098, 0.3059
CMYK	0.05, 0.01, 0.00, 0.31
HSL	187°, 5%, 68%
HSV	187°, 5%, 69%
XYZ	39.6096, 42.5498, 47.7203
YIQ	173.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

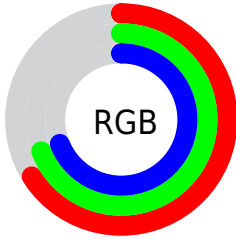
Format	Color
RYB	168, 172, 177
Decimal	11055281
CIELab	71.25, -2.60, -1.49
CIELCh	71, 2.996, 209.833
Yxy	42.5498, 0.3050, 0.3276
Android (android.graphics.Color)	4289245361 (0xFFA8B0B1)
YUV	173.7220, 1.6161, -5.0182
Hunter-Lab	65.2302, -5.7627, 2.2865

Details

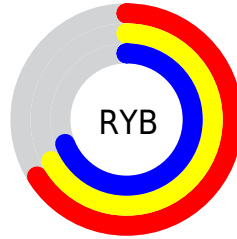
The XYZ color **39.6096, 42.5498, 47.7203** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.3875, 40.5499, 42.7975**, and the grayscale version is **40.0843, 42.1718, 45.9251**.

A 20% lighter version of the original color is **73.9960, 79.2844, 88.4942**, and **18.0482, 19.5835, 21.8975** is the 20% darker color. If you saturate the color by 10%, you get **35.7134, 39.9756, 47.4294**, and if you desaturate by 10%, it is **44.0267, 45.4032, 48.0389**.

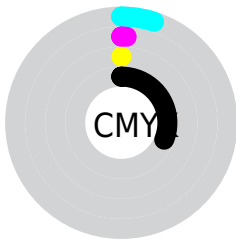
Distribution



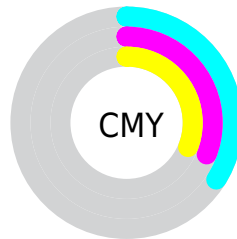
- Red (66%)
- Green (69%)
- Blue (69%)



- Red (66%)
- Yellow (67%)
- Blue (69%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6096, 42.5498, 47.7203 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 39.6096, 42.5498, 47.7203 by changing the saturation by 10% instead.

■ 39.6096, 42.5498,
47.7203

■ 39.6096, 42.5498,
47.7203

335.6380,
356.7570, 394.1591

■ 27.4171, 29.5320,
33.2470

■ 73.8568, 79.0310,
88.1490

■ 18.0250, 19.4837,
22.0431

■ 96.6422, 103.2633,
114.9415

■ 11.0677, 12.0203,
13.6899

123.6894,
132.0026, 146.6776

■ 6.1800, 6.7575,
7.7691

155.3636,
165.6332, 183.7756

■ 2.9966, 3.3109,
3.8619

192.0302,
204.5395, 226.6543

■ 1.1519, 1.2961,
1.5499

234.0546,

■ 0.0679, 0.1382,

249.1060, 275.7320

0.2547

281.8021,
299.7171, 331.4275

■ 0.0000, 0.0000,
0.0000

■ 39.6096, 42.5498,
47.7203

■ 39.6096, 42.5498,
47.7203

■ 35.7134, 39.9756,
47.4294

■ 44.0267, 45.4032,
48.0389

■ 32.3139, 37.6645,
47.1625

■ 48.9806, 48.5403,
48.3833

■ 29.3904, 35.6069,
46.9194

■ 54.4908, 51.9727,
48.7554

■ 26.9190, 33.7906,
46.6991

■ 60.5750, 55.7092,
49.1560

■ 24.8743, 32.2023,
46.5003

■ 66.6951, 59.4726,
49.5598

■ 23.2277, 30.8274,
46.3217

■ 67.1106, 60.3037,
49.6983

■ 21.9476, 29.6494,
46.1618

■ 67.5318, 61.1461,
49.8387

■ 20.9973, 28.6495,
46.0189

■ 67.9588, 62.0000,
49.9811

■ 20.3317, 27.8042,
45.8908

■ 68.3914, 62.8653,
50.1253

Harmonies

Analogous

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



39.4834, 42.5498, 46.3214



39.6096, 42.5498, 47.7203



39.9585, 42.5498, 48.7642

Triad

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



39.6096, 42.5498, 47.7203



41.2837, 42.5498, 47.7346



40.4451, 42.5498, 43.6161

Complementary

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



39.6096, 42.5498, 47.7203



39.3875, 40.5499, 42.7975

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.



40.9300, 42.5498, 43.9772



39.6096, 42.5498, 47.7203



41.4166, 42.5498, 46.3376

Square

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



39.6096, 42.5498, 47.7203



40.9251, 42.5498, 48.7726



41.2866, 42.5498, 44.9660



39.9634, 42.5498, 43.9694

Rectangle

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



39.6096, 42.5498, 47.7203



40.2719, 42.5498, 49.1080



41.2866, 42.5498, 44.9660



40.6132, 42.5498, 43.6578

Sweetspot

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



39.6108, 42.5516, 47.7212



73.2530, 77.7121, 85.6344



39.0233, 42.6307, 43.6594



15.8937, 16.8535, 18.5597



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.6108, 42.5516, 47.7212



70.1883, 75.7155, 85.4105



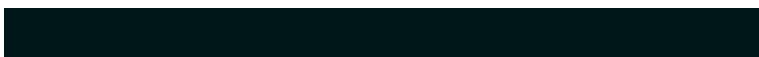
38.7615, 40.8529, 47.4381



8.9169, 9.6360, 10.8963



14.5603, 19.9210, 33.2147



0.4809, 0.6723, 1.0527

Inverse Universe

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



39.9715, 40.4878, 46.7846



70.9596, 71.3139, 83.4049



40.2204, 42.2158, 43.0751



9.0220, 9.0370, 10.6229



17.5840, 8.5512, 24.0333



0.5648, 0.2736, 0.8167

Previews

White Background



This preview shows how the XYZ color 39.6096, 42.5498, 47.7203 looks on a white background.

Color Contrast Check

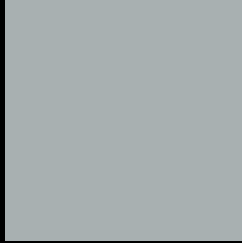
Large Text (above 18pt) WCAG AA × Fail

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 39.6096, 42.5498, 47.7203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

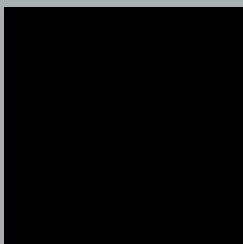
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

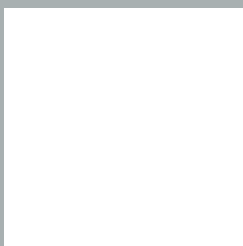
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6096, 42.5498, 47.7203

Background



This preview shows how black text looks on a background with the XYZ color 39.6096, 42.5498, 47.7203.

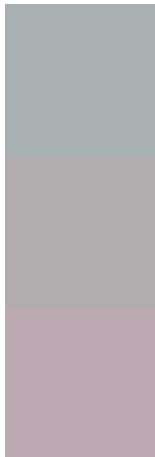


This preview shows how white text looks on a background with the XYZ color 39.6096, 42.5498,

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

39.6096, 42.5498, 47.7203

Protanopia

40.8129, 42.3294, 46.5768

Deuteranopia

43.2101, 42.4091, 48.0278



Tritanopia

40.7907, 42.4490, 53.6205

Trichromacy



Original Color

39.6096, 42.5498, 47.7203

Protanomaly

40.4281, 42.4054, 47.1286

Deuteranomaly

41.8445, 42.5432, 48.1257

Tritanomaly

40.3439, 42.5557, 51.4351

Monochromacy



Original Color

39.6096, 42.5498, 47.7203

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0811, 42.5257, 46.6532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6096, 42.5498, 47.7203 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.6096, 42.5498, 47.7203 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, 177) }
```


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

```
.border{ border-color:rgb(168, 176, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 177);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6096, 42.5498, 47.7203 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, 177) }
```

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

```
.background{ background-color: rgb(168,  
176, 177) }
```

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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