

Converting Colors

XYZ(39.5194, 47.2558, 56.9076)

Have a look what the booklet for
XYZ(39.5194, 47.2558, 56.9076)
contains.

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Color

**XYZ(39.5194, 47.2558,
56.9076)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC0C0
RGB	142, 192, 192
RGB Percent	56%, 75%, 75%
CMY	0.4431, 0.2470, 0.2471
CMYK	0.26, 0.00, 0.00, 0.25
HSL	180°, 28%, 65%
HSV	180°, 26%, 75%
XYZ	39.5194, 47.2558, 56.9076
YIQ	177.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

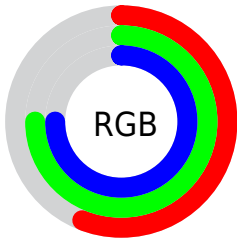
Format	Color
RYB	142, 167, 192
Decimal	9355456
CIELab	74.35, -16.27, -5.32
CIElCh	74, 17.113, 198.113
Yxy	47.2558, 0.2750, 0.3289
Android (android.graphics.Color)	4287545536 (0xFF8EC0C0)
YUV	177.0500, 7.3704, -30.7388
Hunter-Lab	68.7429, -17.6826, -0.9622

Details

The XYZ color **39.5194, 47.2558, 56.9076** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2954, 32.5068, 29.9545**, and the grayscale version is **41.7910, 43.9674, 47.8805**.

A 20% lighter version of the original color is **73.5366, 85.7824, 101.4888**, and **17.9651, 22.2147, 27.7671** is the 20% darker color. If you saturate the color by 10%, you get **36.5050, 45.7030, 56.7670**, and if you desaturate by 10%, it is **43.1040, 49.1049, 57.0769**.

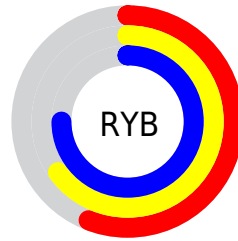
Distribution



Red (56%)

Green (75%)

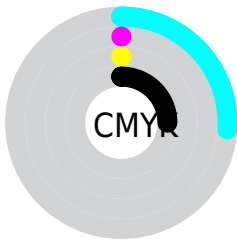
Blue (75%)



Red (56%)

Yellow (65%)

Blue (75%)

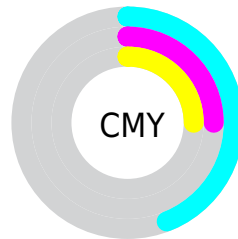


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (25%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5194, 47.2558, 56.9076 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 39.5194, 47.2558, 56.9076 by changing the saturation by 10% instead.

■ 39.5194, 47.2558,
56.9076

■ 39.5194, 47.2558,
56.9076

335.2630,
375.8347, 430.5870

■ 27.3466, 33.2379,
40.5222

■ 73.7201, 86.0953,
101.8293

■ 17.9716, 22.3088,
27.6290

■ 96.4787, 111.6858,
131.2028

■ 11.0292, 14.0840,
17.8096

123.4966,
141.9025, 165.7426

■ 6.1539, 8.1791,
10.6454

155.1392,
177.1300, 205.8674

■ 2.9804, 4.2098,
5.7177

191.7717,
217.7525, 251.9957

■ 1.1434, 1.7916,
2.6082

233.7596,

■ 0.0610, 0.4819,

264.1545, 304.5461

0.8967

281.4683,
316.7205, 363.9370

■ 0.0000, 0.0000,
0.0000

■ 39.5194, 47.2558,
56.9076

■ 39.5194, 47.2558,
56.9076

■ 36.5050, 45.7030,
56.7670

■ 43.1040, 49.1049,
57.0769

■ 34.0276, 44.4259,
56.6506

■ 47.2816, 51.2585,
57.2729

■ 32.0569, 43.4100,
56.5579

■ 52.0790, 53.7317,
57.4979

■ 30.5579, 42.6372,
56.4872

■ 57.5199, 56.5365,
57.7530

■ 29.4913, 42.0874,
56.4368

■ 63.6268, 59.6848,
58.0393

■ 28.8112, 41.7368,
56.4045

■ 69.6056, 62.7669,
58.3196

■ 28.4595, 41.5555,
56.3876

■ 69.6057, 62.7670,
58.3201

■ 28.3643, 41.5064,
56.3829

■ 69.6058, 62.7670,
58.3206

■ 69.6059, 62.7670,
58.3211

Harmonies

Analogous

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



39.3668, 47.2558, 48.0391



39.5194, 47.2558, 56.9076



41.0768, 47.2558, 65.1383

Triad

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



39.5194, 47.2558, 56.9076



49.4690, 47.2558, 63.6260



46.1459, 47.2558, 36.5797

Complementary

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



39.5194, 47.2558, 56.9076



36.2954, 32.5068, 29.9545

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.



48.9856, 47.2558, 39.8337



39.5194, 47.2558, 56.9076



50.9620, 47.2558, 55.0260

Square

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



39.5194, 47.2558, 56.9076



46.7813, 47.2558, 69.3119



50.7811, 47.2558, 46.3596



43.0994, 47.2558, 36.9608

Rectangle

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



39.5194, 47.2558, 56.9076



42.7440, 47.2558, 68.8471



50.7811, 47.2558, 46.3596



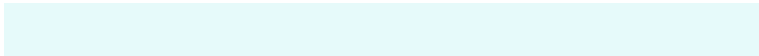
47.1588, 47.2558, 37.2679

Sweetspot

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



39.5208, 47.2577, 56.9087



83.9976, 92.0127, 103.6926



35.0324, 45.4789, 32.5241



17.7659, 19.6086, 22.2336



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



39.5208, 47.2577, 56.9087



68.5017, 84.0242, 102.9653



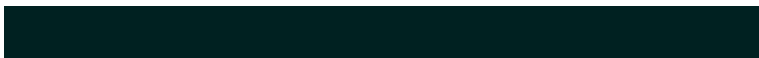
34.6430, 37.5018, 55.2840



10.3686, 11.4285, 12.9442



19.0854, 27.9282, 37.9381



0.8246, 1.2067, 1.6392

Inverse Universe

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



36.2954, 32.5068, 29.9545



61.7114, 52.9702, 46.2206



40.2889, 40.4942, 31.2849



10.0733, 10.0779, 10.4763



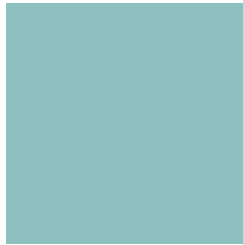
14.6275, 7.5408, 0.6848



0.6320, 0.3258, 0.0296

Previews

White Background



This preview shows how the XYZ color 39.5194, 47.2558, 56.9076 looks on a white background.

Color Contrast Check

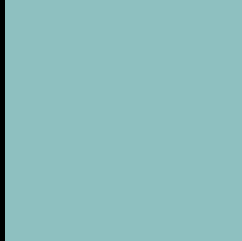
Large Text (above 18pt) WCAG AA × Fail

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 39.5194, 47.2558, 56.9076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

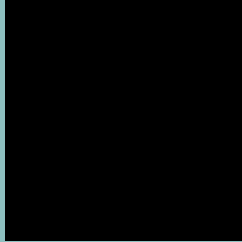
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5194, 47.2558, 56.9076

Background



This preview shows how black text looks on a background with the XYZ color 39.5194, 47.2558, 56.9076.



This preview shows how white text looks on a background with the XYZ color 39.5194, 47.2558,

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

39.5194, 47.2558, 56.9076

Protanopia

45.1540, 46.7833, 53.1046

Deuteranopia

47.8206, 46.8537, 58.1530



Tritanopia

41.1100, 47.2544, 64.7119

Trichromacy



Original Color

39.5194, 47.2558, 56.9076

Protanomaly

42.7882, 46.7638, 54.3481

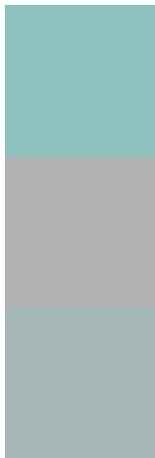
Deuteranomaly

44.1447, 46.4649, 57.6809

Tritanomaly

40.5577, 47.3610, 61.6476

Monochromacy



Original Color

39.5194, 47.2558, 56.9076

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.4813, 44.7258, 50.7553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5194, 47.2558, 56.9076 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(142, 192, 192)` looks like.

```
.text, #text, p{  
    color:rgb(142, 192, 192)  
}
```

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(142, 192, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 192, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.5194, 47.2558, 56.9076 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(142, 192, 192) }
```


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

```
.border{ border-color:rgb(142, 192, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 192, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 192, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 192, 192);  
box-shadow:4px 4px 4px 4px rgb(142, 192,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5194, 47.2558, 56.9076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 192, 192) }
```

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

```
.background{ background-color: rgb(142,  
192, 192) }
```

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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