

Converting Colors

XYZ(39.9655, 44.6413, 56.3794)

Have a look what the booklet for XYZ(39.9655, 44.6413, 56.3794) contains.

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Color

**XYZ(39.9655, 44.6413,
56.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB7C0
RGB	155, 183, 192
RGB Percent	61%, 72%, 75%
CMY	0.3921, 0.2823, 0.2471
CMYK	0.19, 0.05, 0.00, 0.25
HSL	195°, 23%, 68%
HSV	195°, 19%, 75%
XYZ	39.9655, 44.6413, 56.3794
YIQ	175.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

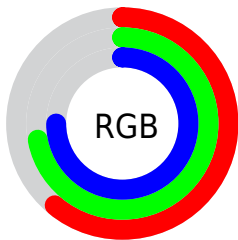
Format	Color
RYB	155, 171, 192
Decimal	10205120
CIELab	72.66, -7.55, -7.75
CIELCh	73, 10.816, 225.752
Yxy	44.6413, 0.2835, 0.3166
Android (android.graphics.Color)	4288395200 (0xFF9BB7C0)
YUV	175.6540, 8.0586, -18.1136
Hunter-Lab	66.8141, -10.1533, -3.2604

Details

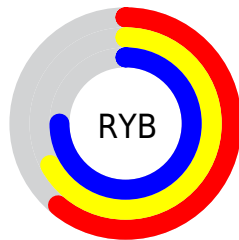
The XYZ color **39.9655, 44.6413, 56.3794** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9305, 40.1241, 36.5988**, and the grayscale version is **41.0545, 43.1925, 47.0367**.

A 20% lighter version of the original color is **74.3881, 82.2120, 100.7548**, and **18.2364, 20.7129, 27.4629** is the 20% darker color. If you saturate the color by 10%, you get **35.6229, 40.9976, 55.9057**, and if you desaturate by 10%, it is **44.9286, 48.6546, 56.8932**.

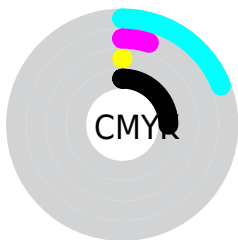
Distribution



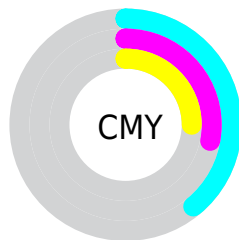
- Red (61%)
- Green (72%)
- Blue (75%)



- Red (61%)
- Yellow (67%)
- Blue (75%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (39%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9655, 44.6413, 56.3794 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 39.9655, 44.6413, 56.3794 by changing the saturation by 10% instead.

■ 39.9655, 44.6413,
56.3794

■ 39.9655, 44.6413,
56.3794

337.1151,
365.3189, 428.5482

■ 27.6957, 31.1750,
40.1012

■ 74.3956, 82.1819,
101.0504

■ 18.2357, 20.7321,
27.3030

■ 97.2867, 107.0249,
130.2803

■ 11.2201, 12.9283,
17.5665

124.4490,
136.4290, 164.6644

■ 6.2834, 7.3792,
10.4730

156.2478,
170.7786, 204.6213

■ 3.0605, 3.7004,
5.6040

193.0484,
210.4579, 250.5696

■ 1.1858, 1.5074,
2.5410

235.2163,

■ 0.0951, 0.2939,

255.8515, 302.9279

0.8617

283.1167,
307.3437, 362.1145

■ 0.0000, 0.0000,
0.0000

■ 39.9655, 44.6413,
56.3794

■ 39.9655, 44.6413,
56.3794

■ 35.6229, 40.9976,
55.9057

■ 44.9286, 48.6546,
56.8932

■ 31.8688, 37.7032,
55.4677

■ 50.5344, 53.0459,
57.4453

■ 28.6746, 34.7440,
55.0648

■ 56.8088, 57.8301,
58.0381

■ 26.0071, 32.1023,
54.6955

■ 63.7748, 63.0198,
58.6726

■ 23.8299, 29.7589,
54.3580

■ 71.4547, 68.6266,
59.3501

■ 22.1015, 27.6920,
54.0501

■ 74.0534, 71.6635,
59.7993

■ 20.7729, 25.8759,
53.7696

■ 75.2305, 74.0176,
60.1917

■ 19.7573, 24.2652,
53.5122

■ 76.4415, 76.4396,
60.5953

■ 19.6874, 24.1515,
53.4940

■ 77.6867, 78.9302,
61.0104

Harmonies

Analogous

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



39.0561, 44.6413, 51.4622



39.9655, 44.6413, 56.3794



41.5496, 44.6413, 59.3098

Triad

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



39.9655, 44.6413, 56.3794



46.0191, 44.6413, 51.1909



41.4596, 44.6413, 39.3366

Complementary

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



39.9655, 44.6413, 56.3794



40.9305, 40.1241, 36.5988

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.



43.3232, 44.6413, 39.2757



39.9655, 44.6413, 56.3794



45.9932, 44.6413, 45.8590

Square

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



39.9655, 44.6413, 56.3794



45.0638, 44.6413, 56.1682



44.9942, 44.6413, 41.5835



39.9013, 44.6413, 41.7564

Rectangle

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



39.9655, 44.6413, 56.3794



42.7924, 44.6413, 59.6134



44.9942, 44.6413, 41.5835



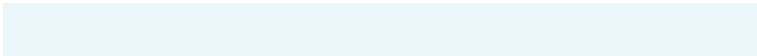
42.0701, 44.6413, 39.0459

Sweetspot

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



39.9668, 44.6431, 56.3804



84.5026, 90.6080, 103.3956



39.0358, 47.3358, 42.0288



17.9890, 19.3284, 22.1679



92.9021, 97.7402, 106.4391



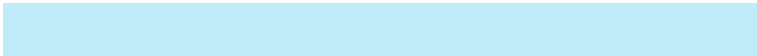
19.4759, 20.4902, 22.3138

Same Dimension

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



39.9668, 44.6431, 56.3804



69.0583, 78.1040, 101.7961



36.4640, 37.6375, 55.2128



10.1543, 11.0000, 12.8728



13.3106, 16.3777, 36.0163



0.6261, 0.8097, 1.5732

Inverse Universe

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



42.0079, 38.0691, 49.9358



73.4603, 64.2425, 87.8262



44.4107, 47.0844, 37.7588



10.3892, 10.2043, 12.1401



18.1146, 8.9356, 19.0471



0.8084, 0.3964, 0.9586

Previews

White Background



This preview shows how the XYZ color 39.9655, 44.6413, 56.3794 looks on a white background.

Color Contrast Check

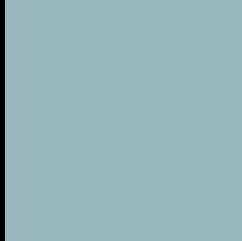
Large Text (above 18pt) WCAG AA × Fail

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 39.9655, 44.6413, 56.3794 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

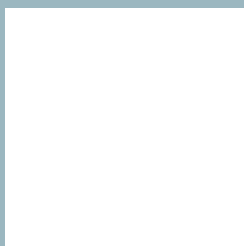
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9655, 44.6413, 56.3794

Background



This preview shows how black text looks on a background with the XYZ color 39.9655, 44.6413, 56.3794.



This preview shows how white text looks on a background with the XYZ color 39.9655, 44.6413,

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

39.9655, 44.6413, 56.3794

Protanopia

43.1593, 44.5401, 53.8993

Deuteranopia

45.4202, 44.4735, 57.2293



Tritanopia

40.5163, 44.5550, 59.2879

Trichromacy



Original Color

39.9655, 44.6413, 56.3794

Protanomaly

41.8830, 44.4604, 54.5184

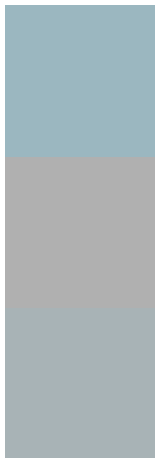
Deuteranomaly

43.2523, 44.5246, 56.7666

Tritanomaly

40.2886, 44.4639, 58.0887

Monochromacy



Original Color

39.9655, 44.6413, 56.3794

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7120, 43.9424, 50.5920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9655, 44.6413, 56.3794 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(155, 183, 192)` looks like.

```
.text, #text, p{  
    color:rgb(155, 183, 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(155, 183, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 183, 192) }
```

Border

The CSS property to change the border of an element to XYZ 39.9655, 44.6413, 56.3794 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(155, 183, 192) }
```


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

```
.border{ border-color:rgb(155, 183, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 183, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 183, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 183, 192);  
box-shadow:4px 4px 4px 4px rgb(155, 183,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9655, 44.6413, 56.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 183, 192) }
```

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

```
.background{ background-color: rgb(155,  
183, 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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