

Converting Colors

XYZ(39.4261, 56.3893, 39.4661)

Have a look what the booklet for
XYZ(39.4261, 56.3893, 39.4661)
contains.

XYZ(39.5477, 56.5480, 39.4023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.5477, 56.5480,
39.4023)**

Conversions

Conversions Part 1

Format	Color
Hex	80D99A
RGB	128, 217, 154
RGB Percent	50%, 85%, 60%
CMY	0.4980, 0.1490, 0.3961
CMYK	0.41, 0.00, 0.29, 0.15
HSL	138°, 54%, 68%
HSV	138°, 41%, 85%
XYZ	39.5477, 56.5480, 39.4023
YIQ	183.2070, -32.8210, -38.4610

Conversions

Conversions Part 2

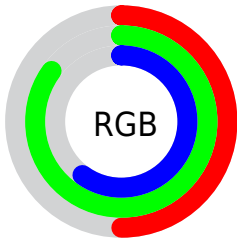
Format	Color
RYB	128, 197, 217
Decimal	8444314
CIELab	79.92, -40.19, 22.86
CIELCh	80, 46.240, 150.365
Yxy	56.5480, 0.2919, 0.4173
Android (android.graphics.Color)	4286634394 (0xFF80D99A)
YUV	183.2070, -14.3991, -48.4165
Hunter-Lab	75.1984, -37.7220, 21.5722

Details

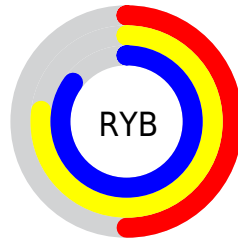
The XYZ color **39.5477, 56.5480, 39.4023** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **45.7403, 33.9529, 53.4353**, and the grayscale version is **45.2141, 47.5687, 51.8023**.

A 20% lighter version of the original color is **67.0358, 86.3138, 73.4487**, and **17.8908, 27.8655, 17.0060** is the 20% darker color. If you saturate the color by 10%, you get **35.4277, 54.5641, 32.9535**, and if you desaturate by 10%, it is **44.5324, 58.9619, 46.7488**.

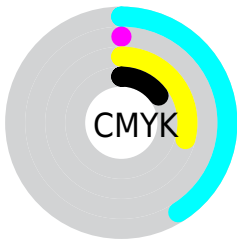
Distribution



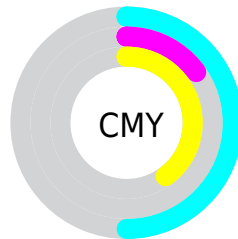
- Red (50%)
- Green (85%)
- Blue (60%)



- Red (50%)
- Yellow (77%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5477, 56.5480, 39.4023 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 39.5477, 56.5480, 39.4023 by changing the saturation by 10% instead.

■ 39.5477, 56.5480,
39.4023

■ 39.5477, 56.5480,
39.4023

335.3807,
411.7534, 359.0748

■ 27.3687, 40.6425,
26.7626

■ 73.7630, 99.8054,
75.4796

■ 17.9883, 28.0398,
17.1641

■ 96.5300, 127.9260,
99.7543

■ 11.0413, 18.3557,
10.1884

■ 123.5571,
160.8871, 128.7444

■ 6.1621, 11.2056,
5.4168

155.2096,
199.0730, 162.8684

■ 2.9855, 6.2053,
2.4309

191.8528,
242.8682, 202.5449

■ 1.1461, 2.9703,
0.8032

233.8522,

■ 0.0632, 1.1163,

292.6571, 248.1924

0.0000

281.5730,
348.8240, 300.2296

■ 0.0000, 0.0000,
0.0000

■ 39.5477, 56.5480,
39.4023

■ 39.5477, 56.5480,
39.4023

■ 35.4277, 54.5641,
32.9535

■ 44.5324, 58.9619,
46.7488

■ 32.1168, 52.9776,
27.3638

■ 50.4242, 61.8222,
55.0217

■ 29.5599, 51.7623,
22.5979


■ 57.2678, 65.1530,
64.2533


■ 27.6926, 50.8859,
18.6159


■ 65.1038, 68.9745,
74.4732

■ 26.4388, 50.3100,
15.3750

■ 73.9702, 73.3057,
85.7096

 25.7222, 49.9911,
13.0540

 82.7144, 77.5520,
97.9340

 84.1039, 78.1078,
105.2513

Harmonies

Analogous

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



45.1373, 56.5480, 26.8966



39.5477, 56.5480, 39.4023



37.6565, 56.5480, 61.9005

Triad

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



39.5477, 56.5480, 39.4023



53.8621, 56.5480, 128.9978



70.8557, 56.5480, 38.9809

Complementary

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



39.5477, 56.5480, 39.4023



45.7403, 33.9529, 53.4353

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.



73.8711, 56.5480, 61.2429



39.5477, 56.5480, 39.4023



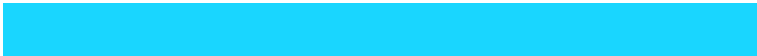
63.3877, 56.5480, 117.7443

Square

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



39.5477, 56.5480, 39.4023



45.3145, 56.5480, 118.2516



70.9938, 56.5480, 90.8009



63.1660, 56.5480, 26.7078

Rectangle

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



39.5477, 56.5480, 39.4023



38.5523, 56.5480, 81.3483



70.9938, 56.5480, 90.8009



72.4870, 56.5480, 45.2912

Sweetspot

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



39.5492, 56.5503, 39.4036



81.3811, 93.3339, 91.0711



50.3946, 62.3651, 29.8043



17.1278, 19.8355, 19.1047



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.5492, 56.5503, 39.4036



51.9072, 79.0432, 48.8633



43.8771, 58.2815, 62.1940



13.0422, 14.6685, 14.6852



15.6104, 30.2768, 8.1135



1.0484, 1.9763, 0.7209

Inverse Universe

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



45.7403, 33.9529, 53.4353



61.9495, 42.3267, 71.5769



41.6248, 32.3067, 31.7634



13.4438, 13.2066, 15.5984



20.8814, 10.3536, 19.5531



1.3897, 0.6855, 1.4608

Previews

White Background



This preview shows how the XYZ color 39.5477, 56.5480, 39.4023 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 39.5477, 56.5480, 39.4023 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

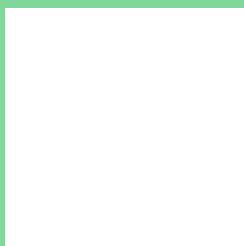
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5477, 56.5480, 39.4023

Background



This preview shows how black text looks on a background with the XYZ color 39.5477, 56.5480, 39.4023.



This preview shows how white text looks on a background with the XYZ color 39.5477, 56.5480,

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

39.5477, 56.5480, 39.4023

Protanopia

52.2285, 55.9739, 34.8394

Deuteranopia

56.8559, 55.5913, 40.9913



Tritanopia

47.6481, 56.4773, 79.6240

Trichromacy



Original Color

39.5477, 56.5480, 39.4023



Protanomaly

45.9942, 55.1476, 36.2374



Deuteranomaly

48.3332, 54.5219, 40.3241



Tritanomaly

44.0843, 56.1153, 62.5407

Monochromacy



Original Color

39.5477, 56.5480, 39.4023



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.0658, 49.7953, 46.4241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5477, 56.5480, 39.4023 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(128, 217, 154)` looks like.

```
.text, #text, p{  
    color:rgb(128, 217, 154)  
}
```

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(128, 217, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 217, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.5477, 56.5480, 39.4023 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(128, 217, 154) }
```


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

```
.border{ border-color:rgb(128, 217, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 217, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 217, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 217, 154);  
box-shadow:4px 4px 4px 4px rgb(128, 217,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5477, 56.5480, 39.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 217, 154) }
```

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

```
.background{ background-color: rgb(128,  
217, 154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor