

Converting Colors

XYZ(39.1343, 55.3211, 44.3692)

Have a look what the booklet for
XYZ(39.1343, 55.3211, 44.3692)
contains.

XYZ(39.2603, 55.5284, 44.2461)	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(39.2603, 55.5284,
44.2461)**

Conversions

Conversions Part 1

Format	Color
Hex	7BD7A5
RGB	123, 215, 165
RGB Percent	48%, 84%, 65%
CMY	0.5176, 0.1568, 0.3529
CMYK	0.43, 0.00, 0.23, 0.16
HSL	147°, 53%, 66%
HSV	147°, 43%, 84%
XYZ	39.2603, 55.5284, 44.2461
YIQ	181.7920, -38.7820, -35.0540

Conversions

Conversions Part 2

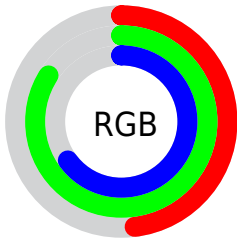
Format	Color
RYB	123, 186, 215
Decimal	8116133
CIELab	79.34, -38.60, 16.25
CIELCh	79, 41.879, 157.170
Yxy	55.5284, 0.2824, 0.3994
Android (android.graphics.Color)	4286306213 (0xFF7BD7A5)
YUV	181.7920, -8.2785, -51.5606
Hunter-Lab	74.5174, -36.3607, 16.9576

Details

The XYZ color **39.2603, 55.5284, 44.2461** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **42.6519, 31.6313, 43.3946**, and the grayscale version is **44.4101, 46.7229, 50.8812**.

A 20% lighter version of the original color is **67.2687, 86.2710, 80.8167**, and **17.8662, 27.5272, 19.9944** is the 20% darker color. If you saturate the color by 10%, you get **35.5006, 53.7090, 38.7701**, and if you desaturate by 10%, it is **43.7956, 57.7394, 50.2682**.

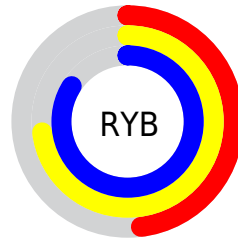
Distribution



Red (48%)

Green (84%)

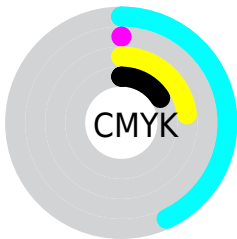
Blue (65%)



Red (48%)

Yellow (73%)

Blue (84%)

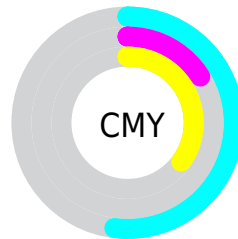


Cyan (43%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (52%)


Magenta (16%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2603, 55.5284, 44.2461 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 39.2603, 55.5284, 44.2461 by changing the saturation by 10% instead.


 39.2603, 55.5284,
44.2461


 39.2603, 55.5284,
44.2461


334.1840,
407.9118, 379.7823

 27.1439, 39.8249,
30.5254


 73.3273, 98.3147,
82.8944

 17.8185, 27.4021,
19.9823


 96.0087, 126.1664,
108.6590

 10.9186, 17.8754,
12.1982


 122.9424,
158.8362, 139.2754

 6.0790, 10.8606,
6.7547

154.4939,
196.7086, 175.1621

 2.9343, 5.9732,
3.2330

191.0284,
240.1679, 216.7375

 1.1191, 2.8288,
1.2148

232.9114,

 0.0410, 1.0430,

289.5987, 264.4204

0.0000

280.5081,
345.3852, 318.6291

■ 0.0000, 0.0000,
0.0000

■ 39.2603, 55.5284,
44.2461

■ 39.2603, 55.5284,
44.2461

■ 35.5006, 53.7090,
38.7701

■ 43.7956, 57.7394,
50.2682

■ 32.4647, 52.2504,
33.8206

■ 49.1452, 60.3571,
56.8475

■ 30.1013, 51.1278,
29.3823


■ 55.3503, 63.4041,
63.9998


■ 28.3500, 50.3104,
25.4376


■ 62.4481, 66.8992,
71.7388


■ 27.1383, 49.7613,
21.9677

■ 70.4736, 70.8602,
80.0780

 26.5132, 49.4876,
19.7475

 79.4596, 75.3038,
89.0302

 82.2989, 76.5659,
98.2738

 83.5915, 77.0829,
105.0805

Harmonies

Analogous

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



43.6176, 55.5284, 30.6089



39.2603, 55.5284, 44.2461



38.3336, 55.5284, 66.4140

Triad

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



39.2603, 55.5284, 44.2461



54.8177, 55.5284, 118.8730



66.7071, 55.5284, 36.6192

Complementary

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



39.2603, 55.5284, 44.2461



42.6519, 31.6313, 43.3946

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.



70.4597, 55.5284, 54.8748



39.2603, 55.5284, 44.2461



63.1389, 55.5284, 105.2624

Square

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



39.2603, 55.5284, 44.2461



46.7622, 55.5284, 113.8320



69.0892, 55.5284, 80.2202



59.2890, 55.5284, 27.0895

Rectangle

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



39.2603, 55.5284, 44.2461



39.6858, 55.5284, 84.1113



69.0892, 55.5284, 80.2202



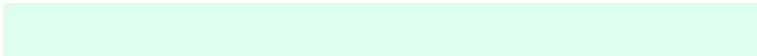
68.4730, 55.5284, 41.7200

Sweetspot

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



39.2618, 55.5307, 44.2474



81.1219, 93.1394, 93.8101



45.2440, 58.9862, 27.7403



16.9060, 19.7108, 19.5627



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.



39.2618, 55.5307, 44.2474



52.8954, 79.3503, 58.0513



44.1533, 57.4873, 70.0059



12.4958, 13.9893, 14.4254



15.9096, 29.6192, 12.0853



1.0011, 1.8031, 0.9473

Inverse Universe

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



42.6519, 31.6313, 43.3946



58.4891, 39.8833, 56.6200



38.9788, 30.1621, 24.0524



12.7027, 12.5326, 14.3748



18.7313, 9.4288, 11.1550



1.1713, 0.5853, 0.8916

Previews

White Background



This preview shows how the XYZ color 39.2603, 55.5284, 44.2461 looks on a white background.

Color Contrast Check

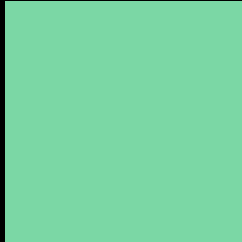
Large Text (above 18pt) WCAG AA × Fail

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 39.2603, 55.5284, 44.2461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

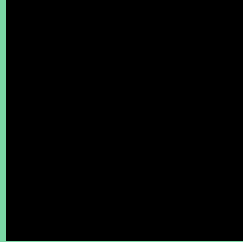
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2603, 55.5284, 44.2461

Background



This preview shows how black text looks on a background with the XYZ color 39.2603, 55.5284, 44.2461.

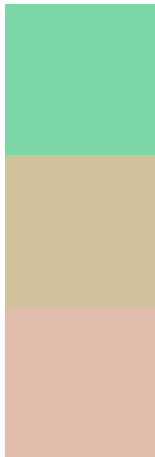


This preview shows how white text looks on a background with the XYZ color 39.2603, 55.5284,

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

39.2603, 55.5284, 44.2461

Protanopia

51.4439, 54.8067, 38.8777

Deuteranopia

55.7653, 54.5947, 46.1268



Tritanopia

46.0839, 55.3258, 78.7711

Trichromacy



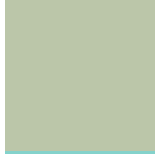
Original Color

39.2603, 55.5284, 44.2461



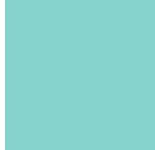
Protanomaly

45.5100, 54.0914, 40.8429



Deuteranomaly

47.8490, 53.8175, 45.4020



Tritanomaly

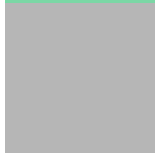
43.3418, 55.3105, 64.8916

Monochromacy



Original Color

39.2603, 55.5284, 44.2461



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

41.8262, 49.2952, 48.3848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2603, 55.5284, 44.2461 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(123, 215, 165)` looks like.

```
.text, #text, p{  
    color:rgb(123, 215, 165)  
}
```

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(123, 215, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 215, 165) }
```

Border

The CSS property to change the border of an element to XYZ 39.2603, 55.5284, 44.2461 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(123, 215, 165) }
```


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

```
.border{ border-color:rgb(123, 215, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 215, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 215, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 215, 165); box-shadow:4px 4px 4px 4px rgb(123, 215, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2603, 55.5284, 44.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 215, 165) }
```

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

```
.background{ background-color: rgb(123,  
215, 165) }
```

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