

Converting Colors

XYZ(26.6427, 39.1357, 38.5905)

Have a look what the booklet for
XYZ(26.6427, 39.1357, 38.5905)
contains.

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Color

**XYZ(26.5545, 39.0423,
38.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	4ABA9E
RGB	74, 186, 158
RGB Percent	29%, 73%, 62%
CMY	0.7098, 0.2706, 0.3804
CMYK	0.60, 0.00, 0.15, 0.27
HSL	165°, 45%, 51%
HSV	165°, 60%, 73%
XYZ	26.5545, 39.0423, 38.4841
YIQ	149.3200, -57.7640, -32.4520

Conversions

Conversions Part 2

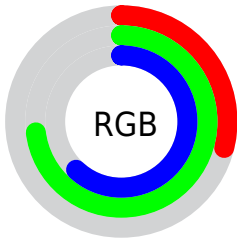
Format	Color
RYB	74, 138, 186
Decimal	4897438
CIELab	68.78, -38.57, 4.77
CIElCh	69, 38.867, 172.952
Yxy	39.0423, 0.2551, 0.3751
Android (android.graphics.Color)	4283087518 (0xFF4ABA9E)
YUV	149.3200, 4.2792, -66.0556
Hunter-Lab	62.4838, -33.4874, 7.2217

Details

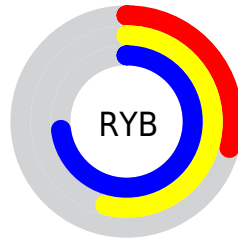
The XYZ color **26.5545, 39.0423, 38.4841** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.0981, 16.2970, 14.3946**, and the grayscale version is **28.7028, 30.1976, 32.8852**.

A 20% lighter version of the original color is **53.7337, 73.8918, 74.3813**, and **10.9051, 17.5641, 16.7254** is the 20% darker color. If you saturate the color by 10%, you get **24.9361, 38.2544, 36.3588**, and if you desaturate by 10%, it is **28.6135, 40.0576, 40.7108**.

Distribution



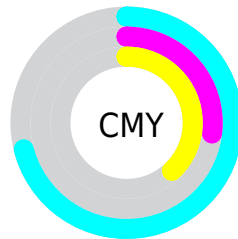
- Red (29%)
- Green (73%)
- Blue (62%)



- Red (29%)
- Yellow (54%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)





- Cyan (71%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5545, 39.0423, 38.4841 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 26.5545, 39.0423, 38.4841 by changing the saturation by 10% instead.

 26.5545, 39.0423,
38.4841


 26.5545, 39.0423,
38.4841


277.7006,
342.0703, 355.0524


 17.3738, 26.7926,
26.0539


 53.5931, 73.7029,
74.0612


 10.5983, 17.4175,
16.6378


 72.1817, 96.8827,
98.0451


 5.8627, 10.5326,
9.8174


 94.6369, 124.4746,
126.7174

 2.8016, 5.7535,
5.1740

 121.3242,
156.8631, 160.4965

 1.0498, 2.6958,
2.2892

 152.6089,
194.4325, 199.8010

 0.0000, 0.9751,
0.7252

188.8562,

 0.0000, 0.0000,

237.5672, 245.0494

0.0000

230.4317,
286.6517, 296.6604

■ 26.5545, 39.0423,
38.4841

■ 26.5545, 39.0423,
38.4841

■ 24.9361, 38.2544,
36.3588

■ 28.6135, 40.0576,
40.7108

■ 23.7164, 37.6692,
34.3296

■ 31.1439, 41.3132,
43.0387

■ 22.8507, 37.2649,
32.3942

■ 34.1774, 42.8263,
45.4709

■ 22.2564, 36.9979,
30.5861

■ 37.7420, 44.6114,
48.0095

■ 41.8636, 46.6819,
50.6566

■ 46.5663, 49.0500,
53.4141

■ 51.8729, 51.7277,
56.2838

■ 57.8048, 54.7258,
59.2676

■ 64.3826, 58.0549,
62.3672

Harmonies

Analogous

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



28.4380, 39.0423, 25.1786



26.5545, 39.0423, 38.4841



27.2387, 39.0423, 57.1523

Triad

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



26.5545, 39.0423, 38.4841



41.9199, 39.0423, 82.0042



44.7089, 39.0423, 20.7834

Complementary

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



26.5545, 39.0423, 38.4841



25.0981, 16.2970, 14.3946

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.



49.1140, 39.0423, 30.6107



26.5545, 39.0423, 38.4841



47.3835, 39.0423, 66.3877

Square

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



26.5545, 39.0423, 38.4841



35.6747, 39.0423, 85.8252



50.1432, 39.0423, 46.8082



38.5803, 39.0423, 16.9566

Rectangle

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



26.5545, 39.0423, 38.4841



29.0995, 39.0423, 70.0548



50.1432, 39.0423, 46.8082



46.4667, 39.0423, 23.3383

Sweetspot

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



26.5556, 39.0438, 38.4850



69.7587, 81.5360, 87.9206



24.4896, 38.5489, 12.6292



14.9103, 17.7290, 19.0580



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.5556, 39.0438, 38.4850



44.4659, 68.9829, 64.7867



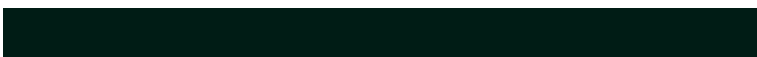
24.2359, 30.0979, 50.9883



9.1681, 10.1712, 11.0428



15.0040, 24.9026, 20.7409



0.5521, 0.8872, 0.8534

Inverse Universe

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



25.0981, 16.2970, 14.3946



41.6541, 24.1926, 17.6399



26.0570, 20.0746, 8.9807



9.0943, 9.0481, 9.8438



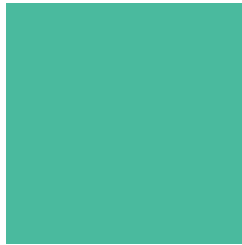
13.9878, 7.1689, 2.5564



0.5187, 0.2630, 0.2248

Previews

White Background



This preview shows how the XYZ color 26.5545, 39.0423, 38.4841 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 26.5545, 39.0423, 38.4841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

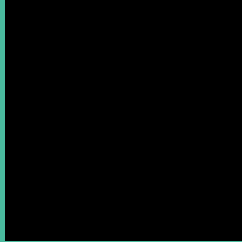
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5545, 39.0423, 38.4841

Background



This preview shows how black text looks on a background with the XYZ color 26.5545, 39.0423, 38.4841.



This preview shows how white text looks on a background with the XYZ color 26.5545, 39.0423,

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

26.5545, 39.0423, 38.4841

Protanopia

36.3582, 38.3777, 33.0951

Deuteranopia

39.1229, 38.3244, 39.9857



Tritanopia

30.3987, 39.0626, 57.5674

Trichromacy



Original Color

26.5545, 39.0423, 38.4841



Protanomaly

31.0107, 37.5248, 34.8867



Deuteranomaly

32.3093, 37.2520, 39.2057



Tritanomaly

28.9443, 39.0834, 50.2743

Monochromacy



Original Color

26.5545, 39.0423, 38.4841



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.6139, 32.2452, 34.5270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5545, 39.0423, 38.4841 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(74, 186, 158)` looks like.

```
.text, #text, p{  
    color:rgb(74, 186, 158)  
}
```

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(74, 186, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 186, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.5545, 39.0423, 38.4841 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(74, 186, 158) }
```


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

```
.border{ border-color:rgb(74, 186, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 186, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 186, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 186, 158);  
box-shadow:4px 4px 4px 4px rgb(74, 186,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5545, 39.0423, 38.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 186, 158) }
```

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

```
.background{ background-color: rgb(74, 186,  
158) }
```

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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