

Converting Colors

XYZ(26.4308, 38.7996, 38.4644)

Have a look what the booklet for
XYZ(26.4308, 38.7996, 38.4644)
contains.

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Color

**XYZ(26.3446, 38.6224,
38.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB99E
RGB	74, 185, 158
RGB Percent	29%, 73%, 62%
CMY	0.7098, 0.2745, 0.3804
CMYK	0.60, 0.00, 0.15, 0.27
HSL	165°, 44%, 51%
HSV	165°, 60%, 73%
XYZ	26.3446, 38.6224, 38.4141
YIQ	148.7330, -57.4890, -31.9290

Conversions

Conversions Part 2

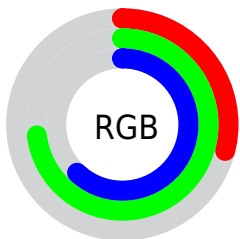
Format	Color
RYB	74, 137, 185
Decimal	4897182
CIELab	68.48, -38.12, 4.33
CIELCh	68, 38.367, 173.522
Yxy	38.6224, 0.2548, 0.3736
Android (android.graphics.Color)	4283087262 (0xFF4AB99E)
YUV	148.7330, 4.5686, -65.5408
Hunter-Lab	62.1469, -33.0895, 6.8547

Details

The XYZ color **26.3446, 38.6224, 38.4141** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **24.8067, 16.1526, 14.1238**, and the grayscale version is **28.4547, 29.9365, 32.6009**.

A 20% lighter version of the original color is **53.4352, 73.2949, 74.2818**, and **10.7701, 17.2941, 16.6804** is the 20% darker color. If you saturate the color by 10%, you get **24.7442, 37.8423, 36.3545**, and if you desaturate by 10%, it is **28.3802, 39.6271, 40.5698**.

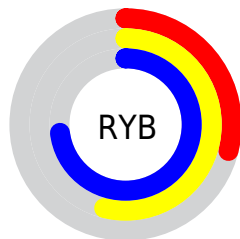
Distribution



Red (29%)

Green (73%)

Blue (62%)



Red (29%)

Yellow (54%)

Blue (73%)

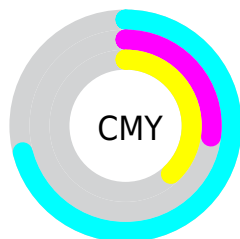


Cyan (60%)

Magenta (0%)

Yellow (15%)

Black (27%)



Cyan (71%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3446, 38.6224, 38.4141 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 26.3446, 38.6224, 38.4141 by changing the saturation by 10% instead.

■ 26.3446, 38.6224,
38.4141

■ 26.3446, 38.6224,
38.4141

276.6954,
340.2824, 354.7443

■ 17.2156, 26.4661,
25.9999

■ 53.2577, 73.0611,
73.9529

■ 10.4846, 17.1727,
16.5978

■ 71.7726, 96.1123,
97.9145

■ 5.7862, 10.3577,
9.7892

■ 94.1468, 123.5640,
126.5624

■ 2.7549, 5.6367,
5.1557

■ 120.7457,
155.8004, 160.3151

■ 1.0255, 2.6255,
2.2786

■ 151.9346,
193.2061, 199.5911

■ 0.0000, 0.9395,
0.7192

188.0790,

■ 0.0000, 0.0000,

236.1654, 244.8089

0.0000

229.5441,
285.0627, 296.3871

■ 26.3446, 38.6224,
38.4141

■ 26.3446, 38.6224,
38.4141

■ 24.7442, 37.8423,
36.3545

■ 28.3802, 39.6271,
40.5698

■ 23.5376, 37.2626,
34.3859

■ 30.8811, 40.8692,
42.8212

■ 22.6810, 36.8617,
32.5060

■ 33.8786, 42.3655,
45.1715

■ 22.0833, 36.5927,
30.7100

■ 37.4002, 44.1304,
47.6227

■ 22.0832, 36.5926,
30.7097

■ 41.4714, 46.1769,
50.1767

■ 46.1161, 48.5173,
52.8353

■ 51.3566, 51.1631,
55.6003

■ 57.2141, 54.1252,
58.4734

■ 63.7087, 57.4140,
61.4563

Harmonies

Analogous

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



28.1471, 38.6224, 25.2284



26.3446, 38.6224, 38.4141



27.0645, 38.6224, 56.7596

Triad

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



26.3446, 38.6224, 38.4141



41.5380, 38.6224, 80.4768



44.0493, 38.6224, 20.5917

Complementary

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



26.3446, 38.6224, 38.4141



24.8067, 16.1526, 14.1238

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.



48.4102, 38.6224, 30.1356



26.3446, 38.6224, 38.4141



46.8528, 38.6224, 65.0663

Square

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



26.3446, 38.6224, 38.4141



35.4157, 38.6224, 84.4704



49.4885, 38.6224, 45.9152



38.0343, 38.6224, 16.9213

Rectangle

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



26.3446, 38.6224, 38.4141



28.9218, 38.6224, 69.3406



49.4885, 38.6224, 45.9152



45.7828, 38.6224, 23.0684

Sweetspot

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



26.3457, 38.6239, 38.4150



68.1526, 79.6224, 86.0550



24.0375, 38.0041, 12.5480



14.2669, 16.9514, 18.2718



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.3457, 38.6239, 38.4150



43.5550, 67.4052, 63.9700



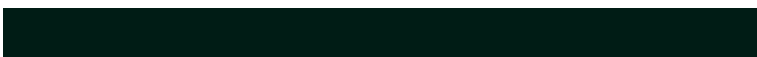
23.6816, 29.1588, 50.2807



9.1708, 10.1723, 11.0566



15.0659, 24.9273, 21.0669



0.5539, 0.8879, 0.8627

Inverse Universe

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



24.8067, 16.1526, 14.1238



40.6131, 23.6072, 16.9121



25.9718, 20.2637, 9.0218



9.0918, 9.0471, 9.8308



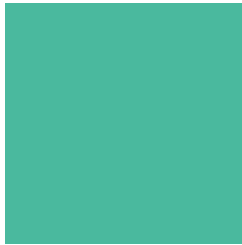
13.9706, 7.1620, 2.4662



0.5176, 0.2625, 0.2193

Previews

White Background



This preview shows how the XYZ color 26.3446, 38.6224, 38.4141 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 26.3446, 38.6224, 38.4141 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

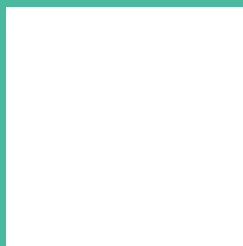
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3446, 38.6224, 38.4141

Background



This preview shows how black text looks on a background with the XYZ color 26.3446, 38.6224, 38.4141.



This preview shows how white text looks on a background with the XYZ color 26.3446, 38.6224,

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

26.3446, 38.6224, 38.4141

Protanopia

36.0340, 37.9326, 33.4395

Deuteranopia

38.7101, 37.8532, 39.9165



Tritanopia

30.0834, 38.6123, 56.9063

Trichromacy



Original Color

26.3446, 38.6224, 38.4141

Protanomaly

30.7365, 37.0904, 35.2449

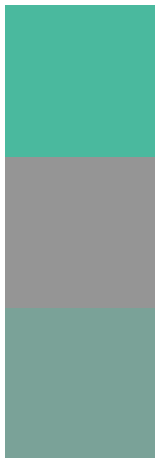
Deuteranomaly

31.9487, 36.7888, 39.1353

Tritanomaly

28.6357, 38.6311, 49.6633

Monochromacy



Original Color

26.3446, 38.6224, 38.4141

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 26.3446, 38.6224, 38.4141 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, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(74, 185, 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, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 185, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.3446, 38.6224, 38.4141 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, 185, 158) }
```


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

```
.border{ border-color:rgb(74, 185, 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, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(74, 185,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3446, 38.6224, 38.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 185, 158) }
```

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

```
.background{ background-color: rgb(74, 185,  
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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