

Converting Colors

XYZ(26.5506, 40.0302, 26.6606)

Have a look what the booklet for
XYZ(26.5506, 40.0302, 26.6606)
contains.

XYZ(26.4956, 39.9046, 26.7280)	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(26.4956, 39.9046,
26.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	5EBC80
RGB	94, 188, 128
RGB Percent	37%, 74%, 50%
CMY	0.6314, 0.2627, 0.4980
CMYK	0.50, 0.00, 0.32, 0.26
HSL	142°, 41%, 55%
HSV	142°, 50%, 74%
XYZ	26.4956, 39.9046, 26.7280
YIQ	153.0540, -36.7640, -38.5880

Conversions

Conversions Part 2

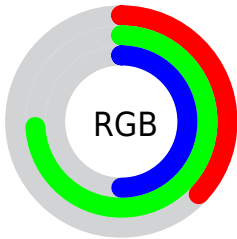
Format	Color
RYB	94, 163, 188
Decimal	6208640
CIELab	69.40, -41.49, 22.02
CIELCh	69, 46.966, 152.045
Yxy	39.9046, 0.2845, 0.4285
Android (android.graphics.Color)	4284398720 (0xFF5EBC80)
YUV	153.0540, -12.3516, -51.7904
Hunter-Lab	63.1701, -35.6789, 19.1328

Details

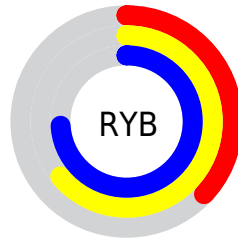
The XYZ color **26.4956, 39.9046, 26.7280** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.5758, 21.0307, 33.0211**, and the grayscale version is **30.3662, 31.9476, 34.7909**.

A 20% lighter version of the original color is **53.5706, 75.1250, 55.3932**, and **10.5599, 17.9403, 10.1140** is the 20% darker color. If you saturate the color by 10%, you get **24.0539, 38.7329, 22.7319**, and if you desaturate by 10%, it is **29.5024, 41.3590, 31.2400**.

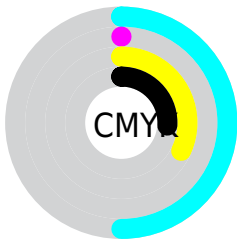
Distribution



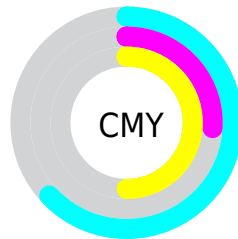
- Red (37%)
- Green (74%)
- Blue (50%)



- Red (37%)
- Yellow (64%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (63%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4956, 39.9046, 26.7280 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 26.4956, 39.9046, 26.7280 by changing the saturation by 10% instead.

■ 26.4956, 39.9046,
26.7280

■ 26.4956, 39.9046,
26.7280

277.4188,
345.7213, 300.0561

■ 17.3294, 27.4642,
17.1384

■ 53.4990, 75.0182,
55.4455

■ 10.5664, 17.9221,
10.1702

■ 72.0669, 98.4602,
75.4105

■ 5.8412, 10.8941,
5.4049

■ 94.4995, 126.3382,
99.6711

■ 2.7885, 5.9957,
2.4239

■ 121.1620,
159.0365, 128.6457

■ 1.0429, 2.8424,
0.7994

152.4198,
196.9396, 162.7530

■ 0.0000, 1.0500,
0.0000

188.6383,

■ 0.0000, 0.0000,

240.4318, 202.4115

0.0000

230.1829,
289.8976, 248.0397

■ 26.4956, 39.9046,
26.7280

■ 26.4956, 39.9046,
26.7280

■ 24.0539, 38.7329,
22.7319

■ 29.5024, 41.3590,
31.2400

■ 22.1361, 37.8198,
19.2303

■ 33.1053, 43.1085,
36.2828

■ 20.7004, 37.1451,
16.2042


■ 37.3370, 45.1707,
41.8743


■ 19.6966, 36.6835,
13.6321


■ 42.2266, 47.5601,
48.0304


■ 19.0273, 36.3853,
11.4891


■ 47.8013, 50.2907,
54.7666

 19.0273, 36.3852,
11.4891

 54.0871, 53.3754,
62.0977

 61.1082, 56.8264,
70.0379

 68.8879, 60.6555,
78.6011

 74.3650, 63.2843,
87.6561

Harmonies

Analogous

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



30.7351, 39.9046, 16.8770



26.4956, 39.9046, 26.7280



25.1912, 39.9046, 44.9498

Triad

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



26.4956, 39.9046, 26.7280



38.4485, 39.9046, 99.6516



51.6123, 39.9046, 24.9122

Complementary

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



26.4956, 39.9046, 26.7280



30.5758, 21.0307, 33.0211

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.



54.3648, 39.9046, 41.9826



26.4956, 39.9046, 26.7280



46.1640, 39.9046, 89.0781

Square

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



26.4956, 39.9046, 26.7280



31.5216, 39.9046, 91.4937



52.2510, 39.9046, 65.9993



45.1488, 39.9046, 16.0995

Rectangle

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



26.4956, 39.9046, 26.7280



26.0007, 39.9046, 60.9972



52.2510, 39.9046, 65.9993



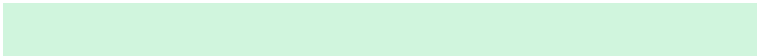
53.0382, 39.9046, 29.6379

Sweetspot

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



26.4966, 39.9062, 26.7289



71.7262, 83.8451, 81.0628



33.5417, 43.7548, 17.2678



15.0298, 17.8378, 16.9324



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.



26.4966, 39.9062, 26.7289



43.2100, 70.0119, 40.5340



30.2308, 41.3999, 46.3926



9.5476, 10.7051, 10.8669



12.9871, 24.7851, 7.9946



0.5404, 0.9835, 0.4800

Inverse Universe

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



30.5758, 21.0307, 33.0211



51.4250, 31.8883, 53.1246



27.4550, 19.7824, 16.5872



9.7795, 9.6361, 11.2279



16.4651, 8.2172, 13.0085



0.6752, 0.3340, 0.6691

Previews

White Background



This preview shows how the XYZ color 26.4956, 39.9046, 26.7280 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 26.4956, 39.9046, 26.7280 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 26.4956, 39.9046, 26.7280

Background



This preview shows how black text looks on a background with the XYZ color 26.4956, 39.9046, 26.7280.



This preview shows how white text looks on a background with the XYZ color 26.4956, 39.9046,

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

26.4956, 39.9046, 26.7280

Protanopia

36.6238, 39.2823, 23.1047

Deuteranopia

39.9884, 39.2977, 28.0318



Tritanopia

32.6144, 39.9171, 57.0247

Trichromacy



Original Color

26.4956, 39.9046, 26.7280



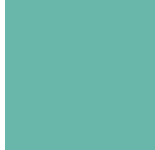
Protanomaly

31.4205, 38.5491, 24.1970



Deuteranomaly

33.0258, 38.1627, 27.4553



Tritanomaly

30.0149, 39.7725, 44.1251

Monochromacy



Original Color

26.4956, 39.9046, 26.7280



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.1860, 34.1916, 31.4996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4956, 39.9046, 26.7280 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(94, 188, 128)` looks like.

```
.text, #text, p{  
    color:rgb(94, 188, 128)  
}
```

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(94, 188, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 188, 128) }
```

Border

The CSS property to change the border of an element to XYZ 26.4956, 39.9046, 26.7280 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(94, 188, 128) }
```


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

```
.border{ border-color:rgb(94, 188, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 188, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 188, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 188, 128);  
box-shadow:4px 4px 4px 4px rgb(94, 188,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4956, 39.9046, 26.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 188, 128) }
```

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

```
.background{ background-color: rgb(94, 188,  
128) }
```

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