

Converting Colors

XYZ(25.9027, 38.3595, 20.8758)

Have a look what the booklet for
XYZ(25.9027, 38.3595, 20.8758)
contains.

XYZ(26.0184, 38.5326, 20.8181)	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(26.0184, 38.5326,
20.8181)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB86E
RGB	107, 184, 110
RGB Percent	42%, 72%, 43%
CMY	0.5804, 0.2784, 0.5686
CMYK	0.42, 0.00, 0.40, 0.28
HSL	122°, 35%, 57%
HSV	122°, 42%, 72%
XYZ	26.0184, 38.5326, 20.8181
YIQ	152.5410, -22.1380, -39.3380

Conversions

Conversions Part 2

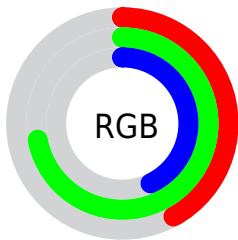
Format	Color
RYB	107, 181, 184
Decimal	7059566
CIELab	68.41, -39.19, 30.32
CIELCh	68, 49.549, 142.274
Yxy	38.5326, 0.3048, 0.4514
Android (android.graphics.Color)	4285249646 (0xFF6BB86E)
YUV	152.5410, -20.9727, -39.9395
Hunter-Lab	62.0746, -33.8129, 23.5680

Details

The XYZ color **26.0184, 38.5326, 20.8181** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **33.3666, 24.0427, 46.5995**, and the grayscale version is **30.1747, 31.7462, 34.5716**.

A 20% lighter version of the original color is **52.8772, 73.2006, 45.5246**, and **10.2931, 17.0591, 7.1651** is the 20% darker color. If you saturate the color by 10%, you get **23.1686, 37.1650, 16.1509**, and if you desaturate by 10%, it is **29.5330, 40.2230, 26.5209**.

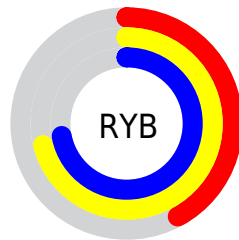
Distribution



Red (42%)

Green (72%)

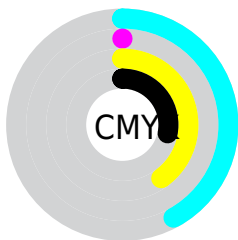
Blue (43%)



Red (42%)

Yellow (71%)

Blue (72%)

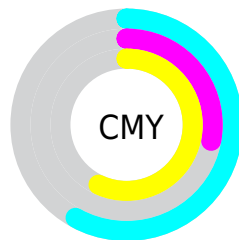


Cyan (42%)

Magenta (0%)

Yellow (40%)

Black (28%)



Cyan (58%)

Magenta (28%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0184, 38.5326, 20.8181 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 26.0184, 38.5326, 20.8181 by changing the saturation by 10% instead.

■ 26.0184, 38.5326,
20.8181

■ 26.0184, 38.5326,
20.8181

275.1274,
339.8992, 269.0594

■ 16.9702, 26.3963,
12.8012

■ 52.7357, 72.9237,
45.6615

■ 10.3084, 17.1204,
7.1627

■ 71.1355, 95.9474,
63.3250

■ 5.6677, 10.3203,
3.4840

■ 93.3832, 123.3689,
85.0411

■ 2.6828, 5.6119,
1.3468

■ 119.8441,
155.5728, 111.2283

■ 0.9884, 2.6105,
0.0997

150.8836,
192.9434, 142.3052

■ 0.0000, 0.9320,
0.0000

186.8671,

■ 0.0000, 0.0000,

235.8650, 178.6903

0.0000

228.1600,
284.7222, 220.8022

■ 26.0184, 38.5326,
20.8181

■ 26.0184, 38.5326,
20.8181

■ 23.1686, 37.1650,
16.1509

■ 29.5330, 40.2230,
26.5209

■ 20.9391, 36.0951,
12.4549

■ 33.7476, 42.2497,
33.3136

■ 19.2845, 35.3022,
9.6623


■ 38.6981, 44.6313,
41.2498


■ 18.1520, 34.7608,
7.6957


■ 44.4175, 47.3836,
50.3785


■ 17.4791, 34.4404,
6.4647

■ 50.9366, 50.5216,
60.7463

 17.1806, 34.2982,
5.9207

 58.2843, 54.0592,
72.3971

 66.4885, 58.0099,
85.3725

 75.5754, 62.3864,
99.7125

 76.4313, 62.7625,
102.6938

Harmonies

Analogous

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



31.2403, 38.5326, 13.4824



26.0184, 38.5326, 20.8181



23.7081, 38.5326, 36.4545

Triad

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



26.0184, 38.5326, 20.8181



34.6493, 38.5326, 100.3546



52.2883, 38.5326, 27.7187

Complementary

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



26.0184, 38.5326, 20.8181



33.3666, 24.0427, 46.5995

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.



53.5417, 38.5326, 47.9837



26.0184, 38.5326, 20.8181



42.5933, 38.5326, 95.4146

Square

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



26.0184, 38.5326, 20.8181



28.2104, 38.5326, 85.7952



49.7793, 38.5326, 74.0171



46.5635, 38.5326, 16.3696

Rectangle

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



26.0184, 38.5326, 20.8181



23.8628, 38.5326, 51.7407



49.7793, 38.5326, 74.0171



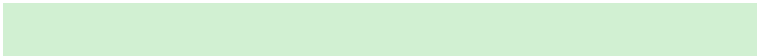
53.2765, 38.5326, 33.4889

Sweetspot

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



26.0194, 38.5342, 20.8190



68.8382, 80.2727, 72.6779



38.9538, 45.2207, 20.5856



14.3985, 17.0927, 14.9608



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.



26.0194, 38.5342, 20.8190



42.4679, 67.5945, 30.0508



28.5556, 39.5487, 34.1743



8.9042, 10.0656, 9.6527



11.8463, 23.6395, 4.1126



0.4224, 0.8353, 0.1704

Inverse Universe

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



33.3666, 24.0427, 46.5995



57.5314, 37.8695, 82.8964



29.9789, 22.6876, 28.7601



9.3654, 9.1565, 11.2716



19.0872, 9.2086, 29.4096



0.6776, 0.3265, 1.0616

Previews

White Background



This preview shows how the XYZ color 26.0184, 38.5326, 20.8181 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 26.0184, 38.5326, 20.8181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

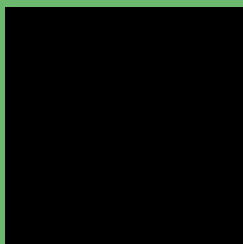
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.0184, 38.5326, 20.8181

Background



This preview shows how black text looks on a background with the XYZ color 26.0184, 38.5326, 20.8181.



This preview shows how white text looks on a background with the XYZ color 26.0184, 38.5326,

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

26.0184, 38.5326, 20.8181

Protanopia

35.1405, 38.0755, 18.3292

Deuteranopia

38.8392, 38.0630, 21.8228



Tritanopia

32.6837, 38.5450, 53.8614

Trichromacy



Original Color

26.0184, 38.5326, 20.8181



Protanomaly

30.8715, 37.7978, 19.3043



Deuteranomaly

32.5569, 37.2195, 21.3877



Tritanomaly

29.6017, 38.1608, 39.0633

Monochromacy



Original Color

26.0184, 38.5326, 20.8181



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.9442, 33.5913, 28.6779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0184, 38.5326, 20.8181 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(107, 184, 110)` looks like.

```
.text, #text, p{  
    color:rgb(107, 184, 110)  
}
```

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(107, 184, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 184, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.0184, 38.5326, 20.8181 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(107, 184, 110) }
```


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

```
.border{ border-color:rgb(107, 184, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 184, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 184, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 184, 110);  
box-shadow:4px 4px 4px 4px rgb(107, 184,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0184, 38.5326, 20.8181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 184, 110) }
```

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

```
.background{ background-color: rgb(107,  
184, 110) }
```

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