

Converting Colors

XYZ(26.2572, 39.6307, 18.7169)

Have a look what the booklet for
XYZ(26.2572, 39.6307, 18.7169)
contains.

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Color

**XYZ(26.2320, 39.6258,
18.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	6BBB66
RGB	107, 187, 102
RGB Percent	42%, 73%, 40%
CMY	0.5804, 0.2667, 0.6000
CMYK	0.43, 0.00, 0.45, 0.27
HSL	116°, 38%, 57%
HSV	116°, 45%, 73%
XYZ	26.2320, 39.6258, 18.8363
YIQ	153.3900, -20.3950, -43.3950

Conversions

Conversions Part 2

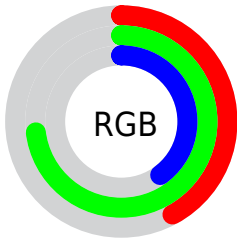
Format	Color
RYB	102, 187, 182
Decimal	7060326
CIELab	69.20, -41.71, 35.46
CIElCh	69, 54.749, 139.632
Yxy	39.6258, 0.3097, 0.4679
Android (android.graphics.Color)	4285250406 (0xFF6BBB66)
YUV	153.3900, -25.3353, -40.6840
Hunter-Lab	62.9490, -35.7766, 26.3229

Details

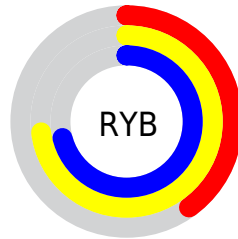
The XYZ color **26.2320, 39.6258, 18.8363** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **33.0144, 23.0370, 49.7224**, and the grayscale version is **30.5626, 32.1542, 35.0160**.

A 20% lighter version of the original color is **53.0837, 74.7158, 42.1956**, and **10.4463, 17.7622, 6.2460** is the 20% darker color. If you saturate the color by 10%, you get **23.5024, 38.3152, 14.4017**, and if you desaturate by 10%, it is **29.6035, 41.2455, 24.3946**.

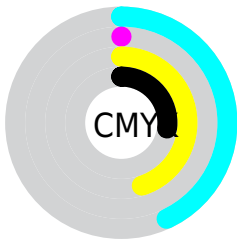
Distribution



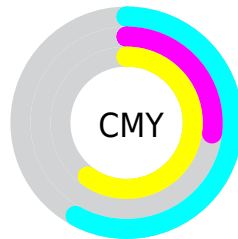
- Red (42%)
- Green (73%)
- Blue (40%)



- Red (40%)
- Yellow (73%)
- Blue (71%)



- Cyan (43%)
- Magenta (0%)
- Yellow (45%)
- Black (27%)



- Cyan (58%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2320, 39.6258, 18.8363 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 26.2320, 39.6258, 18.8363 by changing the saturation by 10% instead.

■ 26.2320, 39.6258,
18.8363

■ 26.2320, 39.6258,
18.8363

276.1550,
344.5438, 257.9361

■ 17.1309, 27.2469,
11.3764

■ 53.0776, 74.5934,
42.2903

■ 10.4237, 17.7587,
6.2033

■ 71.5528, 97.9508,
59.1215

■ 5.7452, 10.7769,
2.8983

■ 93.8834, 125.7366,
79.9136

■ 2.7300, 5.9170,
1.0429

■ 120.4348,
158.3350, 105.0851

■ 1.0126, 2.7947,
0.0000

151.5723,
196.1306, 135.0546

■ 0.0000, 1.0255,
0.0000

187.6612,

■ 0.0000, 0.0000,

239.5077, 170.2406

0.0000

229.0670,
288.8506, 211.0615

■ 26.2320, 39.6258,
18.8363

■ 26.2320, 39.6258,
18.8363

■ 23.5024, 38.3152,
14.4017

■ 29.6035, 41.2455,
24.3946

■ 21.3713, 37.2893,
11.0119

■ 33.6509, 43.1868,
31.1431

■ 19.7943, 36.5285,
8.5820


■ 38.4094, 45.4677,
39.1462


■ 18.7199, 36.0083,
7.0128

■ 43.9109, 48.1034,
48.4630

■ 18.0862, 35.6993,
6.1815


■ 50.1854, 51.1079,
59.1489

 17.9091, 35.6134,
5.9302

 57.2610, 54.4949,
71.2559

 65.1648, 58.2771,
84.8336

 73.9222, 62.4667,
99.9290

 77.0611, 64.0223,
102.9037

Harmonies

Analogous

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



32.2825, 39.6258, 11.7928



26.2320, 39.6258, 18.8363



23.4050, 39.6258, 35.0335

Triad

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



26.2320, 39.6258, 18.8363



34.7124, 39.6258, 110.1209



55.8599, 39.6258, 28.8826

Complementary

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



26.2320, 39.6258, 18.8363



33.0144, 23.0370, 49.7224

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.



56.7808, 39.6258, 52.4225



26.2320, 39.6258, 18.8363



43.6107, 39.6258, 106.3972

Square

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



26.2320, 39.6258, 18.8363



27.7729, 39.6258, 91.3248



52.0096, 39.6258, 82.5395



49.6602, 39.6258, 15.8401

Rectangle

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



26.2320, 39.6258, 18.8363



23.3777, 39.6258, 51.7315



52.0096, 39.6258, 82.5395



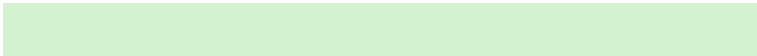
56.8301, 39.6258, 35.5668

Sweetspot

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



26.2330, 39.6275, 18.8372



69.9252, 81.9738, 72.0279



39.4853, 44.7096, 19.1197



14.9592, 17.8414, 15.1198



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.



26.2330, 39.6275, 18.8372



41.9032, 68.5289, 25.4904



27.8991, 40.2265, 30.6575



9.4593, 10.6757, 10.1387



12.3603, 24.5478, 4.0868



0.5021, 0.9708, 0.1609

Inverse Universe

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



33.0144, 23.0370, 49.7224



55.6028, 34.9286, 88.0127



30.7648, 22.2759, 31.6041



9.8731, 9.6669, 12.0177



18.5387, 8.8431, 33.1227



0.7432, 0.3551, 1.2982

Previews

White Background



This preview shows how the XYZ color 26.2320, 39.6258, 18.8363 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 26.2320, 39.6258, 18.8363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

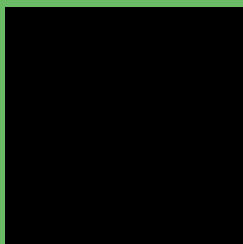
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2320, 39.6258, 18.8363

Background



This preview shows how black text looks on a background with the XYZ color 26.2320, 39.6258, 18.8363.



This preview shows how white text looks on a background with the XYZ color 26.2320, 39.6258,

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

26.2320, 39.6258, 18.8363

Protanopia

35.8354, 39.0218, 16.4697

Deuteranopia

39.8088, 39.1290, 19.6419



Tritanopia

33.4383, 39.4910, 55.1503

Trichromacy



Original Color

26.2320, 39.6258, 18.8363



Protanomaly

31.2449, 38.6097, 17.3609



Deuteranomaly

32.9126, 38.0055, 19.2368



Tritanomaly

30.2531, 39.4025, 38.8118

Monochromacy



Original Color

26.2320, 39.6258, 18.8363



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.9116, 33.8657, 27.6199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2320, 39.6258, 18.8363 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, 187, 102)` looks like.

```
.text, #text, p{  
    color:rgb(107, 187, 102)  
}
```

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, 187, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 187, 102) }
```

Border

The CSS property to change the border of an element to XYZ 26.2320, 39.6258, 18.8363 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, 187, 102) }
```


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

```
.border{ border-color:rgb(107, 187, 102) }
```

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

Here you see how a box with a 4 pixel rgb(107, 187, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 187, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 187, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 187,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2320, 39.6258, 18.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 187, 102) }
```

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

```
.background{ background-color: rgb(107,  
187, 102) }
```

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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