

Converting Colors

XYZ(26.3198, 40.4055, 10.1667)

Have a look what the booklet for
XYZ(26.3198, 40.4055, 10.1667)
contains.

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Color

**XYZ(26.3826, 40.5323,
10.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	76BD38
RGB	118, 189, 56
RGB Percent	46%, 74%, 22%
CMY	0.5373, 0.2588, 0.7804
CMYK	0.38, 0.00, 0.70, 0.26
HSL	92°, 54%, 48%
HSV	92°, 70%, 74%
XYZ	26.3826, 40.5323, 10.1744
YIQ	152.6090, 0.3770, -56.4150

Conversions

Conversions Part 2

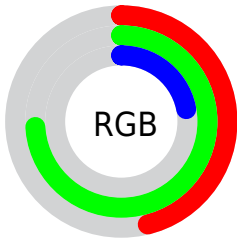
Format	Color
RYB	56, 189, 127
Decimal	7781688
CIELab	69.85, -43.87, 57.26
CIELCh	70, 72.130, 127.461
Yxy	40.5323, 0.3422, 0.5258
Android (android.graphics.Color)	4285971768 (0xFF76BD38)
YUV	152.6090, -47.6282, -30.3521
Hunter-Lab	63.6650, -37.4438, 35.0903

Details

The XYZ color **26.3826, 40.5323, 10.1744** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **19.3540, 11.0159, 49.2527**, and the grayscale version is **30.3096, 31.8880, 34.7260**.

A 20% lighter version of the original color is **53.4494, 76.1513, 26.6334**, and **10.5884, 18.3200, 2.9781** is the 20% darker color. If you saturate the color by 10%, you get **24.7073, 39.7136, 8.1222**, and if you desaturate by 10%, it is **28.3809, 41.4998, 13.1540**.

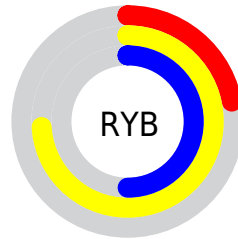
Distribution



Red (46%)

Green (74%)

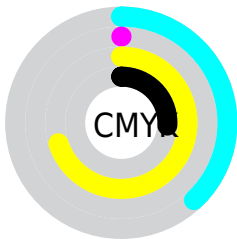
Blue (22%)



Red (22%)

Yellow (74%)

Blue (50%)

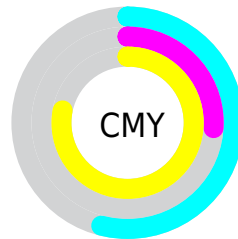


Cyan (38%)

Magenta (0%)

Yellow (70%)

Black (26%)



Cyan (54%)


Magenta (26%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3826, 40.5323, 10.1744 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 26.3826, 40.5323, 10.1744 by changing the saturation by 10% instead.


 26.3826, 40.5323,
10.1744


 26.3826, 40.5323,
10.1744


276.8776,
348.3621, 202.4421


 17.2443, 27.9538,
5.4076


 53.3184, 75.9734,
26.7359

 10.5052, 18.2908,
2.4255


 71.8467, 99.6048,
39.3678

 5.8000, 11.1590,
0.8003


 94.2356, 127.6893,
55.4584

 2.7633, 6.1739,
0.0000

 120.8505,
160.6113, 75.4264

 1.0299, 2.9511,
0.0000

 152.0568,
198.7552, 99.6902

 0.0000, 1.1063,
0.0000

188.2199,

 0.0000, 0.0000,

242.5053, 128.6684

0.0000

229.7050,
292.2462, 162.7795

■ 26.3826, 40.5323,
10.1744

■ 26.3826, 40.5323,
10.1744

■ 24.7073, 39.7136,
8.1222

■ 28.3809, 41.4998,
13.1540

■ 23.3268, 39.0279,
6.8847

■ 30.7212, 42.6203,
17.1513

■ 22.2325, 38.4766,
6.2549

■ 33.4244, 43.9038,
22.2488

■ 36.5081, 45.3579,
28.5196

■ 39.9892, 46.9898,
36.0309

■ 43.8829, 48.8061,
44.8445

■ 48.2040, 50.8129,
55.0183

■ 52.9661, 53.0164,
66.6065

■ 58.1825, 55.4220,
79.6605

Harmonies

Analogous

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



35.6729, 40.5323, 6.0915



26.3826, 40.5323, 10.1744



21.2381, 40.5323, 23.7328

Triad

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



26.3826, 40.5323, 10.1744



30.5181, 40.5323, 134.5733



65.4588, 40.5323, 36.2740

Complementary

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



26.3826, 40.5323, 10.1744



19.3540, 11.0159, 49.2527

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.



63.3041, 40.5323, 73.7728



26.3826, 40.5323, 10.1744



41.5247, 40.5323, 144.0002

Square

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



26.3826, 40.5323, 10.1744



23.2661, 40.5323, 96.1566



53.9160, 40.5323, 117.7142



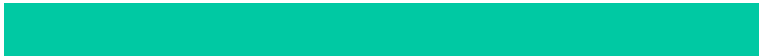
59.3174, 40.5323, 15.3723

Rectangle

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



26.3826, 40.5323, 10.1744



20.1163, 40.5323, 41.3353



53.9160, 40.5323, 117.7142



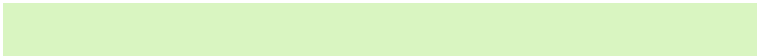
65.6992, 40.5323, 47.0537

Sweetspot

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



26.3836, 40.5341, 10.1753



70.9822, 83.8578, 63.1267



29.2826, 26.2676, 7.2688



14.8832, 17.8548, 12.7413



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.



26.3836, 40.5341, 10.1753



42.9556, 70.4839, 13.2748



20.6569, 37.5688, 10.4987



9.8201, 10.8617, 10.1556



15.0445, 25.9316, 4.2124



0.6648, 1.0547, 0.1685

Inverse Universe

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



19.3540, 11.0159, 49.2527



29.5671, 14.4272, 87.4526



31.1134, 17.1328, 47.3289



9.4897, 9.4693, 11.9998



9.8727, 4.3756, 32.7171



0.4616, 0.2100, 1.2851

Previews

White Background



This preview shows how the XYZ color 26.3826, 40.5323, 10.1744 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 26.3826, 40.5323, 10.1744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

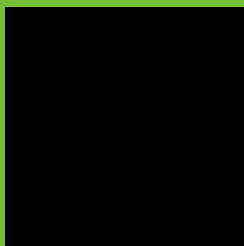
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3826, 40.5323, 10.1744

Background



This preview shows how black text looks on a background with the XYZ color 26.3826, 40.5323, 10.1744.



This preview shows how white text looks on a background with the XYZ color 26.3826, 40.5323,

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

26.3826, 40.5323, 10.1744

Protanopia

36.2075, 39.9356, 8.9320

Deuteranopia

40.5922, 39.7320, 10.6839



Tritanopia

35.2458, 40.1306, 55.1785

Trichromacy



Original Color

26.3826, 40.5323, 10.1744



Protanomaly

31.6746, 39.5938, 9.3411



Deuteranomaly

33.5639, 38.8207, 10.2816



Tritanomaly

30.6123, 39.7466, 31.6496

Monochromacy



Original Color

26.3826, 40.5323, 10.1744



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.7214, 34.1559, 22.2712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3826, 40.5323, 10.1744 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(118, 189, 56)` looks like.

```
.text, #text, p{  
    color:rgb(118, 189, 56)  
}
```

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(118, 189, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 189, 56) }
```

Border

The CSS property to change the border of an element to XYZ 26.3826, 40.5323, 10.1744 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(118, 189, 56) }
```


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

```
.border{ border-color:rgb(118, 189, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 189, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 189, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 189, 56);  
box-shadow:4px 4px 4px 4px rgb(118, 189,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3826, 40.5323, 10.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 189, 56) }
```

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

```
.background{ background-color: rgb(118,  
189, 56) }
```

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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