

Converting Colors

XYZ(26.6054, 45.3966, 24.3597)

Have a look what the booklet for
XYZ(26.6054, 45.3966, 24.3597)
contains.

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Color

**XYZ(26.6078, 45.3933,
24.4989)**

Conversions

Conversions Part 1

Format	Color
Hex	3ACC76
RGB	58, 204, 118
RGB Percent	23%, 80%, 46%
CMY	0.7725, 0.2000, 0.5372
CMYK	0.72, 0.00, 0.42, 0.20
HSL	145°, 59%, 51%
HSV	145°, 72%, 80%
XYZ	26.6078, 45.3933, 24.4989
YIQ	150.5420, -59.4100, -57.6980

Conversions

Conversions Part 2

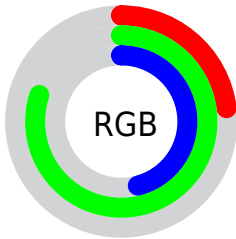
Format	Color
R _{YB}	58, 161, 204
Decimal	3853430
CIE Lab	73.15, -57.18, 32.06
CIE LCh	73, 65.559, 150.721
Yxy	45.3933, 0.2757, 0.4704
Android (android.graphics.Color)	4282043510 (0xFF3ACC76)
YUV	150.5420, -16.0432, -81.1593
Hunter-Lab	67.3746, -47.4116, 25.6030

Details

The XYZ color **26.6078, 45.3933, 24.4989** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **31.4504, 17.8780, 28.1803**, and the grayscale version is **29.3053, 30.8314, 33.5754**.

A 20% lighter version of the original color is **51.4229, 78.7454, 51.0172**, and **11.6333, 21.5972, 9.0244** is the 20% darker color. If you saturate the color by 10%, you get **24.9792, 44.6323, 20.9301**, and if you desaturate by 10%, it is **28.7993, 46.4365, 28.5710**.

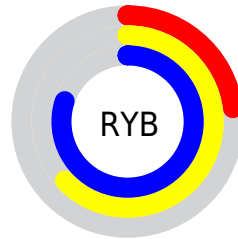
Distribution



Red (23%)

Green (80%)

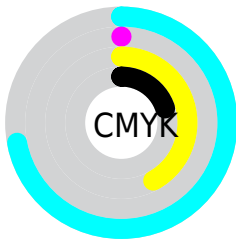
Blue (46%)



Red (23%)

Yellow (63%)

Blue (80%)

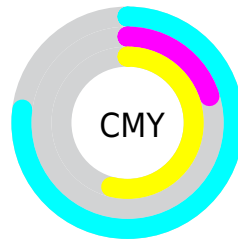


Cyan (72%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (77%)

Magenta (20%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6078, 45.3933, 24.4989 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 26.6078, 45.3933, 24.4989 by changing the saturation by 10% instead.


 26.6078, 45.3933,
24.4989


 26.6078, 45.3933,
24.4989


277.9554,
368.3641, 288.7005


 17.4139, 31.7673,
15.4885


 53.6782, 83.3103,
51.7971


 10.6272, 21.1838,
9.0125


 72.2855, 108.3701,
70.9220


 5.8822, 13.2585,
4.6524


 94.7613, 138.0100,
94.2555

 2.8135, 7.6068,
1.9897

 121.4709,
172.6143, 122.2161

 1.0559, 3.8444,
0.5489

 152.7798,
212.5675, 155.2224

 0.0000, 1.5869,
0.0000

189.0533,

 0.0000, 0.3487,

258.2539, 193.6928

0.0000

230.6567,
310.0580, 238.0460

■ 0.0000, 0.0000,
0.0000

■ 26.6078, 45.3933,
24.4989

■ 26.6078, 45.3933,
24.4989

■ 24.9792, 44.6323,
20.9301

■ 28.7993, 46.4365,
28.5710

■ 23.8475, 44.1161,
17.8407


■ 31.6030, 47.7831,
33.1627


■ 23.1875, 43.8250,
15.5908


■ 35.0666, 49.4587,
38.2931


■ 39.2316, 51.4843,
43.9795

■ 44.1363, 53.8793,
50.2383

 49.8160, 56.6616,
57.0853

 56.3036, 59.8479,
64.5357

 63.6302, 63.4539,
72.6038

 71.8250, 67.4944,
81.3038

Harmonies

Analogous

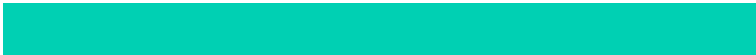
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.8188, 45.3933, 12.5562



26.6078, 45.3933, 24.4989



24.6169, 45.3933, 50.2252

Triad

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



26.6078, 45.3933, 24.4989



43.4233, 45.3933, 143.4666



65.0489, 45.3933, 23.6462

Complementary

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



26.6078, 45.3933, 24.4989



31.4504, 17.8780, 28.1803

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.



69.2066, 45.3933, 48.6345



26.6078, 45.3933, 24.4989



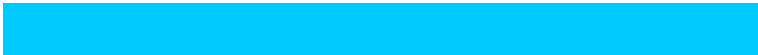
55.4375, 45.3933, 126.1641

Square

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



26.6078, 45.3933, 24.4989



33.2212, 45.3933, 127.6554



65.4147, 45.3933, 87.2560



54.8710, 45.3933, 12.2399

Rectangle

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



26.6078, 45.3933, 24.4989



25.6114, 45.3933, 75.3479



65.4147, 45.3933, 87.2560



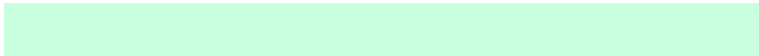
67.2701, 45.3933, 30.2566

Sweetspot

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



26.6090, 45.3951, 24.4999



73.3495, 89.3523, 83.5160



34.1412, 49.5677, 11.7714



15.1841, 18.8729, 17.2328



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.6090, 45.3951, 24.4999



40.2315, 73.3915, 31.7241



32.5680, 47.7788, 55.8798



11.2560, 12.6121, 12.9055



14.6377, 27.6004, 10.0433



0.7926, 1.4388, 0.7152

Inverse Universe

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



31.4504, 17.8780, 28.1803



48.6423, 25.2158, 37.8425



27.6055, 16.3400, 7.9335



11.4849, 11.3227, 13.0880



17.8609, 8.9549, 12.2521



0.9586, 0.4768, 0.8277

Previews

White Background



This preview shows how the XYZ color 26.6078, 45.3933, 24.4989 looks on a white background.

Color Contrast Check

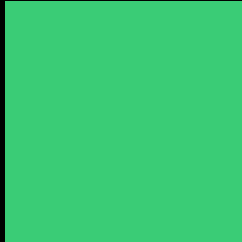
Large Text (above 18pt) WCAG AA × Fail

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 26.6078, 45.3933, 24.4989 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 26.6078, 45.3933, 24.4989

Background



This preview shows how black text looks on a background with the XYZ color 26.6078, 45.3933, 24.4989.

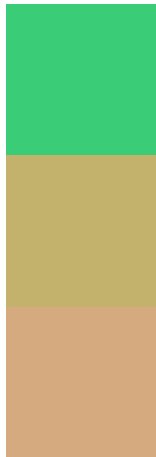


This preview shows how white text looks on a background with the XYZ color 26.6078, 45.3933,

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

26.6078, 45.3933, 24.4989

Protanopia

41.1328, 44.5256, 20.6137

Deuteranopia

45.2920, 44.2529, 25.8932



Tritanopia

34.9922, 45.0187, 67.1668

Trichromacy



Original Color

26.6078, 45.3933, 24.4989



Protanomaly

32.3720, 42.7302, 21.8708



Deuteranomaly

34.0134, 41.9539, 25.0441



Tritanomaly

31.1110, 44.7726, 48.0765

Monochromacy



Original Color

26.6078, 45.3933, 24.4989



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.3710, 34.3954, 29.6752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6078, 45.3933, 24.4989 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(58, 204, 118)` looks like.

```
.text, #text, p{  
    color:rgb(58, 204, 118)  
}
```

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(58, 204, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 204, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.6078, 45.3933, 24.4989 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(58, 204, 118) }
```


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

```
.border{ border-color:rgb(58, 204, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 204, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 204, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 204, 118);  
box-shadow:4px 4px 4px 4px rgb(58, 204,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6078, 45.3933, 24.4989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 204, 118) }
```

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

```
.background{ background-color: rgb(58, 204,  
118) }
```

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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