

Converting Colors

XYZ(26.7663, 44.7651, 16.4407)

Have a look what the booklet for
XYZ(26.7663, 44.7651, 16.4407)
contains.

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Color

**XYZ(26.6726, 44.5526,
16.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	58C958
RGB	88, 201, 88
RGB Percent	35%, 79%, 35%
CMY	0.6549, 0.2117, 0.6549
CMYK	0.56, 0.00, 0.56, 0.21
HSL	120°, 51%, 57%
HSV	120°, 56%, 79%
XYZ	26.6726, 44.5526, 16.4262
YIQ	154.3310, -31.0750, -59.0990

Conversions

Conversions Part 2

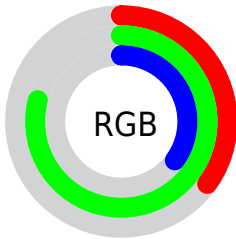
Format	Color
RYB	88, 201, 201
Decimal	5818712
CIELab	72.60, -54.53, 46.28
CIElCh	73, 71.525, 139.677
Yxy	44.5526, 0.3043, 0.5083
Android (android.graphics.Color)	4284008792 (0xFF58C958)
YUV	154.3310, -32.7012, -58.1723
Hunter-Lab	66.7477, -45.4794, 32.1325

Details

The XYZ color **26.6726, 44.5526, 16.4262** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **38.1210, 23.6147, 57.8081**, and the grayscale version is **31.0108, 32.6257, 35.5294**.

A 20% lighter version of the original color is **52.6003, 79.6461, 37.8002**, and **10.6975, 20.7368, 5.1078** is the 20% darker color. If you saturate the color by 10%, you get **24.3049, 43.4166, 12.5526**, and if you desaturate by 10%, it is **29.7964, 46.0545, 21.5351**.

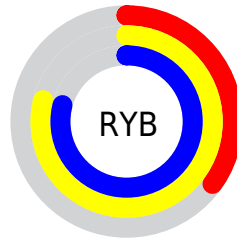
Distribution



Red (35%)

Green (79%)

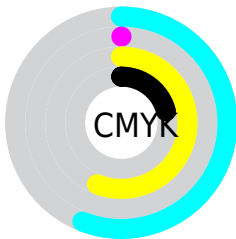
Blue (35%)



Red (35%)

Yellow (79%)

Blue (79%)

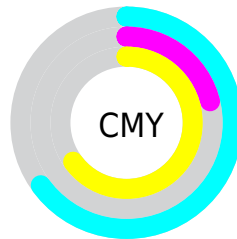


Cyan (56%)

Magenta (0%)

Yellow (56%)

Black (21%)



Cyan (65%)

Magenta (21%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6726, 44.5526, 16.4262 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 26.6726, 44.5526, 16.4262 by changing the saturation by 10% instead.

■ 26.6726, 44.5526,
16.4262

■ 26.6726, 44.5526,
16.4262

278.2649,
364.9585, 243.7746

■ 17.4628, 31.1052,
9.6686

■ 53.7817, 82.0486,
38.1136

■ 10.6623, 20.6789,
5.0771

■ 72.4116, 106.8660,
53.8805

■ 5.9059, 12.8895,
2.2330

■ 94.9123, 136.2422,
73.4875

■ 2.8280, 7.3525,
0.6933

■ 121.6492,
170.5615, 97.3533

■ 1.0635, 3.6835,
0.0000

152.9875,
210.2085, 125.8964

■ 0.0000, 1.4982,
0.0000

189.2927,

■ 0.0000, 0.2874,

255.5673, 159.5353

0.0000

230.9300,
307.0226, 198.6885

■ 0.0000, 0.0000,
0.0000

■ 26.6726, 44.5526,
16.4262

■ 26.6726, 44.5526,
16.4262

■ 24.3049, 43.4166,
12.5526

■ 29.7964, 46.0545,
21.5351

■ 22.6265, 42.6104,
9.8071

■ 33.7296, 47.9438,
27.9685

■ 21.5643, 42.1002,
8.0697

■ 38.5243, 50.2469,
35.8110

■ 21.0243, 41.8408,
7.1863

■ 44.2272, 52.9863,
45.1392

■ 20.8876, 41.7751,
6.9626

■ 50.8820, 56.1830,
56.0243

■ 58.5293, 59.8564,
68.5327

■ 67.2074, 64.0249,
82.7271

■ 76.9526, 68.7060,
98.6670

■ 80.1775, 70.2551,
103.9425

Harmonies

Analogous

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



34.8289, 44.5526, 8.4783



26.6726, 44.5526, 16.4262



22.9859, 44.5526, 37.2948

Triad

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



26.6726, 44.5526, 16.4262



38.2236, 44.5526, 151.1749



68.9336, 44.5526, 28.9929

Complementary

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



26.6726, 44.5526, 16.4262



38.1210, 23.6147, 57.8081

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.



70.3326, 44.5526, 61.7749



26.6726, 44.5526, 16.4262



50.8734, 44.5526, 145.1216

Square

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



26.6726, 44.5526, 16.4262



28.7398, 44.5526, 121.2163



63.1999, 44.5526, 107.3157



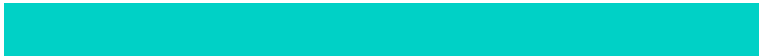
59.6842, 44.5526, 12.8971

Rectangle

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



26.6726, 44.5526, 16.4262



22.9549, 44.5526, 60.8895



63.1999, 44.5526, 107.3157



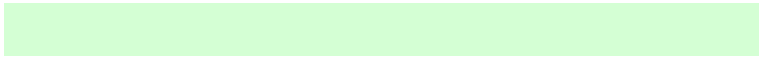
70.3980, 44.5526, 37.9340

Sweetspot

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



26.6737, 44.5545, 16.4272



74.6502, 90.2010, 75.5328



46.7375, 54.8977, 17.3656



15.5319, 19.0923, 15.4371



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.



26.6737, 44.5545, 16.4272



41.0359, 74.0543, 20.5502



29.9846, 45.8788, 33.8624



10.4975, 11.8879, 11.3041



13.1328, 26.2655, 4.3777



0.6218, 1.2437, 0.2073

Inverse Universe

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



38.1210, 23.6147, 57.8081



62.4714, 34.8437, 98.0375



32.6507, 21.4266, 29.0021



11.0831, 10.8166, 13.4211



21.7737, 10.4591, 35.6139



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 26.6726, 44.5526, 16.4262 looks on a white background.

Color Contrast Check

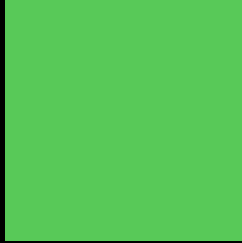
Large Text (above 18pt) WCAG AA × Fail

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 26.6726, 44.5526, 16.4262 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 26.6726, 44.5526, 16.4262

Background



This preview shows how black text looks on a background with the XYZ color 26.6726, 44.5526, 16.4262.



This preview shows how white text looks on a background with the XYZ color 26.6726, 44.5526,

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

26.6726, 44.5526, 16.4262

Protanopia

39.9351, 43.7592, 13.9310

Deuteranopia

44.6645, 43.8379, 17.4168



Tritanopia

36.1669, 44.3997, 63.7905

Trichromacy



Original Color

26.6726, 44.5526, 16.4262



Protanomaly

33.0249, 42.9104, 14.7256



Deuteranomaly

34.9064, 42.2909, 16.9129



Tritanomaly

31.4172, 43.7518, 40.9715

Monochromacy



Original Color

26.6726, 44.5526, 16.4262



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

27.7981, 35.4834, 26.5030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6726, 44.5526, 16.4262 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(88, 201, 88)` looks like.

```
.text, #text, p{  
    color:rgb(88, 201, 88)  
}
```

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(88, 201, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 201, 88) }
```

Border

The CSS property to change the border of an element to XYZ 26.6726, 44.5526, 16.4262 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(88, 201, 88) }
```


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

```
.border{ border-color:rgb(88, 201, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 201, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 201, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 201, 88);  
box-shadow:4px 4px 4px 4px rgb(88, 201,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6726, 44.5526, 16.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 201, 88) }
```

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

```
.background{ background-color: rgb(88, 201,  
88) }
```

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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