

Converting Colors

XYZ(26.5614, 44.9689, 26.7165)

Have a look what the booklet for
XYZ(26.5614, 44.9689, 26.7165)
contains.

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Color

**XYZ(26.5789, 44.9768,
26.6826)**

Conversions

Conversions Part 1

Format	Color
Hex	36CB7D
RGB	54, 203, 125
RGB Percent	21%, 80%, 49%
CMY	0.7882, 0.2039, 0.5098
CMYK	0.73, 0.00, 0.38, 0.20
HSL	149°, 59%, 50%
HSV	149°, 73%, 80%
XYZ	26.5789, 44.9768, 26.6826
YIQ	149.5570, -63.7660, -55.8460

Conversions

Conversions Part 2

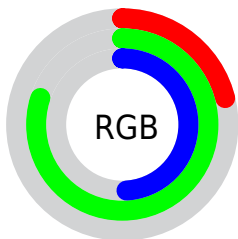
Format	Color
RYB	54, 155, 203
Decimal	3591037
CIELab	72.88, -56.12, 28.08
CIELCh	73, 62.755, 153.420
Yxy	44.9768, 0.2706, 0.4578
Android (android.graphics.Color)	4281781117 (0xFF36CB7D)
YUV	149.5570, -12.1066, -83.8035
Hunter-Lab	67.0647, -46.6207, 23.3560

Details

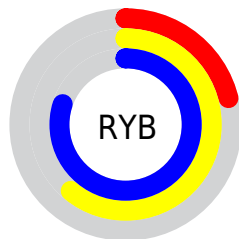
The XYZ color **26.5789, 44.9768, 26.6826** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **30.1140, 17.0016, 23.5257**, and the grayscale version is **28.8718, 30.3753, 33.0787**.

A 20% lighter version of the original color is **51.6810, 78.7993, 54.6054**, and **11.8599, 21.6878, 10.2177** is the 20% darker color. If you saturate the color by 10%, you get **25.0654, 44.2721, 23.2561**, and if you desaturate by 10%, it is **28.6218, 45.9485, 30.5151**.

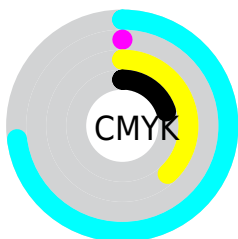
Distribution



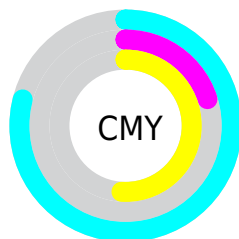
- Red (21%)
- Green (80%)
- Blue (49%)



- Red (21%)
- Yellow (61%)
- Blue (80%)



- Cyan (73%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)





- Cyan (79%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5789, 44.9768, 26.6826 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 26.5789, 44.9768, 26.6826 by changing the saturation by 10% instead.


 26.5789, 44.9768,
26.6826


 26.5789, 44.9768,
26.6826


277.8173,
366.6796, 299.8284


 17.3922, 31.4392,
17.1047


 53.6321, 82.6856,
55.3717


 10.6115, 20.9335,
10.1464


 72.2292, 107.6255,
75.3198


 5.8716, 13.0754,
5.3893


 94.6939, 137.1350,
99.5619

 2.8071, 7.4805,
2.4147

 121.3914,
171.5985, 128.5163

 1.0526, 3.7644,
0.7944

 152.6871,
211.4002, 162.6016

 0.0000, 1.5426,
0.0000

188.9465,

 0.0000, 0.3185,

256.9248, 202.2364

0.0000

230.5347,
308.5564, 247.8391

■ 0.0000, 0.0000,
0.0000

■ 26.5789, 44.9768,
26.6826

■ 26.5789, 44.9768,
26.6826

■ 25.0654, 44.2721,
23.2561

■ 28.6218, 45.9485,
30.5151

■ 24.0146, 43.7966,
20.2176


■ 31.2433, 47.2086,
34.7644


■ 23.5020, 43.5716,
18.4154


■ 34.4902, 48.7822,
39.4443


■ 38.4037, 50.6903,
44.5674

■ 43.0211, 52.9520,
50.1455

 48.3770, 55.5848,
56.1898

 54.5035, 58.6052,
62.7112

 61.4309, 62.0284,
69.7204

 69.1878, 65.8691,
77.2274

Harmonies

Analogous

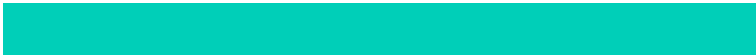
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.1906, 44.9768, 13.9633



26.5789, 44.9768, 26.6826



25.0202, 44.9768, 52.6501

Triad

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



26.5789, 44.9768, 26.6826



44.0148, 44.9768, 136.9305



62.7908, 44.9768, 22.7462

Complementary

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



26.5789, 44.9768, 26.6826



30.1140, 17.0016, 23.5257

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.



67.3365, 44.9768, 45.4695



26.5789, 44.9768, 26.6826



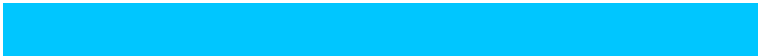
55.3955, 44.9768, 118.3122

Square

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



26.5789, 44.9768, 26.6826



34.0211, 44.9768, 124.8935



64.4243, 44.9768, 81.1278



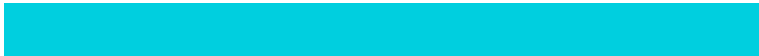
52.8551, 44.9768, 12.4652

Rectangle

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



26.5789, 44.9768, 26.6826



26.2239, 44.9768, 76.9909



64.4243, 44.9768, 81.1278



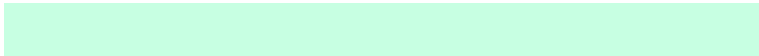
65.0699, 44.9768, 28.7389

Sweetspot

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



26.5801, 44.9786, 26.6836



72.9637, 89.1192, 85.0431



31.7699, 48.0048, 11.0818



15.1286, 18.8354, 17.6318



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.



26.5801, 44.9786, 26.6836



40.8664, 73.6265, 35.9233



33.0755, 47.5768, 60.8883



11.2869, 12.6245, 13.0683



15.0014, 27.7459, 11.9583



0.8122, 1.4467, 0.8185

Inverse Universe

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



30.1140, 17.0016, 23.5257



47.0706, 24.3596, 30.2680



26.7375, 15.6510, 5.7452



11.4535, 11.3101, 12.9228



17.3844, 8.7644, 9.7429



0.9351, 0.4674, 0.7039

Previews

White Background



This preview shows how the XYZ color 26.5789, 44.9768, 26.6826 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 26.5789, 44.9768, 26.6826 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 26.5789, 44.9768, 26.6826

Background



This preview shows how black text looks on a background with the XYZ color 26.5789, 44.9768, 26.6826.

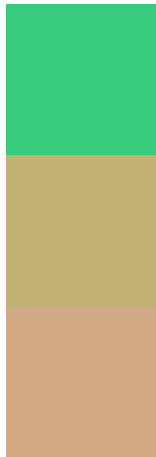


This preview shows how white text looks on a background with the XYZ color 26.5789, 44.9768,

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

26.5789, 44.9768, 26.6826

Protanopia

40.8090, 44.0195, 22.5654

Deuteranopia

44.9029, 43.9982, 28.3162



Tritanopia

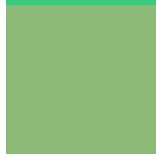
34.6031, 44.8181, 67.1486

Trichromacy



Original Color

26.5789, 44.9768, 26.6826



Protanomaly

32.0440, 42.2005, 23.9094



Deuteranomaly

33.8941, 41.8399, 27.4086



Tritanomaly

30.9826, 44.6834, 49.1113

Monochromacy



Original Color

26.5789, 44.9768, 26.6826



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.0659, 33.9439, 30.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5789, 44.9768, 26.6826 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(54, 203, 125)` looks like.

```
.text, #text, p{  
    color:rgb(54, 203, 125)  
}
```

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(54, 203, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 203, 125) }
```

Border

The CSS property to change the border of an element to XYZ 26.5789, 44.9768, 26.6826 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(54, 203, 125) }
```


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

```
.border{ border-color:rgb(54, 203, 125) }
```

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

Here you see how a box with a 4 pixel rgb(54, 203, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 203, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 203, 125);  
box-shadow:4px 4px 4px 4px rgb(54, 203,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5789, 44.9768, 26.6826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 203, 125) }
```

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

```
.background{ background-color: rgb(54, 203,  
125) }
```

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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