

Converting Colors

XYZ(26.5035, 44.3375, 22.2000)

Have a look what the booklet for
XYZ(26.5035, 44.3375, 22.2000)
contains.

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Color

**XYZ(26.5035, 44.3375,
22.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	49C96F
RGB	73, 201, 111
RGB Percent	29%, 79%, 44%
CMY	0.7137, 0.2117, 0.5647
CMYK	0.64, 0.00, 0.45, 0.21
HSL	138°, 54%, 54%
HSV	138°, 64%, 79%
XYZ	26.5035, 44.3375, 22.2000
YIQ	152.4680, -47.3980, -55.1260

Conversions

Conversions Part 2

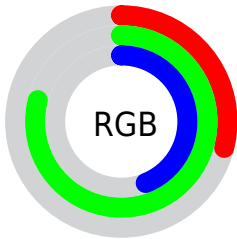
Format	Color
RYB	73, 172, 201
Decimal	4835695
CIELab	72.45, -54.61, 34.79
CIELCh	72, 64.750, 147.498
Yxy	44.3375, 0.2849, 0.4765
Android (android.graphics.Color)	4283025775 (0xFF49C96F)
YUV	152.4680, -20.4437, -69.6934
Hunter-Lab	66.5864, -45.4776, 26.8431

Details

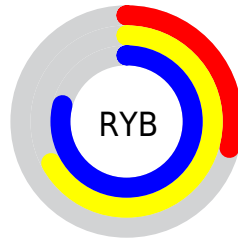
The XYZ color **26.5035, 44.3375, 22.2000** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **33.0821, 19.8276, 36.7349**, and the grayscale version is **30.1487, 31.7188, 34.5417**.

A 20% lighter version of the original color is **52.2924, 79.2687, 47.6662**, and **11.1212, 20.8947, 7.8618** is the 20% darker color. If you saturate the color by 10%, you get **24.5021, 43.3899, 18.3610**, and if you desaturate by 10%, it is **29.1223, 45.5916, 26.7125**.

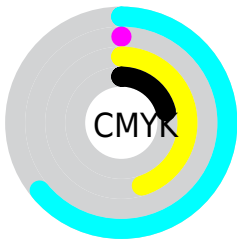
Distribution



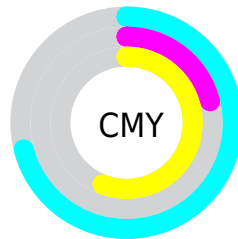
- Red (29%)
- Green (79%)
- Blue (44%)



- Red (29%)
- Yellow (67%)
- Blue (79%)



- Cyan (64%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (71%)
- Magenta (21%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5035, 44.3375, 22.2000 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 26.5035, 44.3375, 22.2000 by changing the saturation by 10% instead.


 26.5035, 44.3375,
22.2000


 26.5035, 44.3375,
22.2000


277.4566,
364.0837, 276.5765


 17.3353, 30.9359,
13.8042

 53.5116, 81.7254,
47.9828


 10.5707, 20.5501,
7.8474


 72.0823, 106.4804,
66.2068

 5.8441, 12.7955,
3.9111


 94.5179, 135.7888,
88.5440

 2.7903, 7.2879,
1.5767

 121.1838,
170.0348, 115.4129

 1.0438, 3.6428,
0.2741

152.4452,
209.6030, 147.2321

 0.0000, 1.4758,
0.0000

188.6676,

 0.0000, 0.2716,

254.8776, 184.4200

0.0000

230.2163,
306.2430, 227.3953

■ 0.0000, 0.0000,
0.0000

■ 26.5035, 44.3375,
22.2000

■ 26.5035, 44.3375,
22.2000

■ 24.5021, 43.3899,
18.3610

■ 29.1223, 45.5916,
26.7125

■ 23.0595, 42.7156,
15.1599

■ 32.4034, 47.1711,
31.9261

■ 22.1110, 42.2831,
12.5620

■ 36.3911, 49.0994,
37.8702

■ 21.6946, 42.0979,
11.2122

■ 41.1250, 51.3964,
44.5717

■ 46.6416, 54.0804,
52.0561

■ 52.9750, 57.1684,
60.3479

■ 60.1571, 60.6764,
69.4702

■ 68.2183, 64.6197,
79.4454

■ 77.1874, 69.0126,
90.2949

Harmonies

Analogous

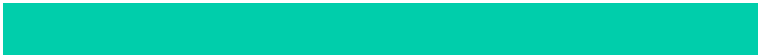
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.9852, 44.3375, 11.6954



26.5035, 44.3375, 22.2000



24.1249, 44.3375, 45.6410

Triad

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



26.5035, 44.3375, 22.2000



41.2111, 44.3375, 139.4492



64.1995, 44.3375, 25.0869

Complementary

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



26.5035, 44.3375, 22.2000



33.0821, 19.8276, 36.7349

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.



67.4368, 44.3375, 51.0105



26.5035, 44.3375, 22.2000



52.8524, 44.3375, 125.9397

Square

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



26.5035, 44.3375, 22.2000



31.6254, 44.3375, 120.9208



62.9665, 44.3375, 89.4275



54.7631, 44.3375, 12.7699

Rectangle

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



26.5035, 44.3375, 22.2000



24.8020, 44.3375, 69.2249



62.9665, 44.3375, 89.4275



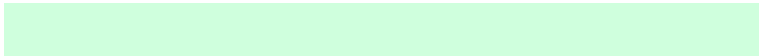
66.1143, 44.3375, 32.0474

Sweetspot

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



26.5046, 44.3393, 22.2010



74.4089, 89.9376, 81.7984



37.5524, 50.2272, 14.0190



15.3576, 18.9737, 16.7300



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.



26.5046, 44.3393, 22.2010



41.0107, 73.8440, 29.4614



31.2042, 46.2192, 46.9487



10.6249, 11.9388, 11.9748



13.6756, 26.4826, 7.2362



0.6799, 1.2669, 0.5133

Inverse Universe

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



33.0821, 19.8276, 36.7349



53.0508, 28.6714, 55.8409



28.8070, 18.1176, 14.2226



10.9438, 10.7609, 12.6871



18.2253, 9.0397, 16.9283



0.8937, 0.4403, 0.9633

Previews

White Background



This preview shows how the XYZ color 26.5035, 44.3375, 22.2000 looks on a white background.

Color Contrast Check

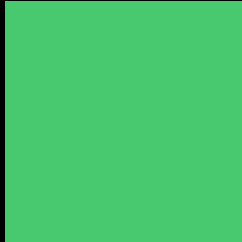
Large Text (above 18pt) WCAG AA × Fail

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 26.5035, 44.3375, 22.2000 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 26.5035, 44.3375, 22.2000

Background



This preview shows how black text looks on a background with the XYZ color 26.5035, 44.3375, 22.2000.



This preview shows how white text looks on a background with the XYZ color 26.5035, 44.3375,

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

26.5035, 44.3375, 22.2000

Protanopia

39.9159, 43.3474, 18.8335

Deuteranopia

44.3817, 43.5567, 23.5209



Tritanopia

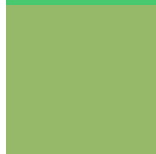
34.9209, 44.0498, 65.0545

Trichromacy



Original Color

26.5035, 44.3375, 22.2000



Protanomaly

32.2932, 42.1074, 19.7901



Deuteranomaly

34.3742, 41.8858, 22.7960



Tritanomaly

30.9569, 43.7480, 45.3407

Monochromacy



Original Color

26.5035, 44.3375, 22.2000



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.0585, 34.7665, 28.9514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5035, 44.3375, 22.2000 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(73, 201, 111)` looks like.

```
.text, #text, p{  
    color:rgb(73, 201, 111)  
}
```

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(73, 201, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 201, 111) }
```

Border

The CSS property to change the border of an element to XYZ 26.5035, 44.3375, 22.2000 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(73, 201, 111) }
```


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

```
.border{ border-color:rgb(73, 201, 111) }
```

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

Here you see how a box with a 4 pixel rgb(73, 201, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 201, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 201, 111);  
box-shadow:4px 4px 4px 4px rgb(73, 201,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5035, 44.3375, 22.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 201, 111) }
```

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

```
.background{ background-color: rgb(73, 201,  
111) }
```

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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