

Converting Colors

XYZ(26.2547, 43.4789, 22.4916)

Have a look what the booklet for
XYZ(26.2547, 43.4789, 22.4916)
contains.

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Color

**XYZ(26.3057, 43.5350,
22.6394)**

Conversions

Conversions Part 1

Format	Color
Hex	4BC771
RGB	75, 199, 113
RGB Percent	29%, 78%, 44%
CMY	0.7059, 0.2196, 0.5569
CMYK	0.62, 0.00, 0.43, 0.22
HSL	138°, 53%, 54%
HSV	138°, 62%, 78%
XYZ	26.3057, 43.5350, 22.6394
YIQ	152.1200, -46.2980, -53.0340

Conversions

Conversions Part 2

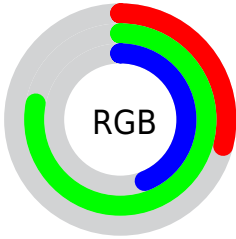
Format	Color
RYB	75, 170, 199
Decimal	4966257
CIELab	71.92, -53.11, 33.09
CIELCh	72, 62.576, 148.071
Yxy	43.5350, 0.2844, 0.4707
Android (android.graphics.Color)	4283156337 (0xFF4BC771)
YUV	152.1200, -19.2862, -67.6342
Hunter-Lab	65.9811, -44.3015, 25.8432

Details

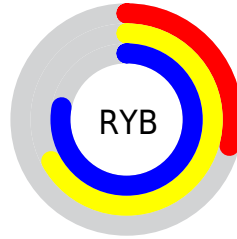
The XYZ color **26.3057, 43.5350, 22.6394** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **32.5036, 19.7483, 35.8181**, and the grayscale version is **29.9927, 31.5547, 34.3631**.

A 20% lighter version of the original color is **52.6346, 79.4241, 48.6326**, and **10.8705, 20.3054, 8.0490** is the 20% darker color. If you saturate the color by 10%, you get **24.2671, 42.5683, 18.7922**, and if you desaturate by 10%, it is **28.9514, 44.8034, 27.1338**.

Distribution



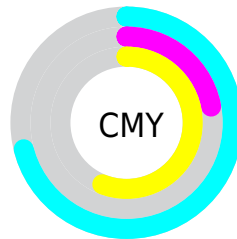
- Red (29%)
- Green (78%)
- Blue (44%)



- Red (29%)
- Yellow (67%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)





- Cyan (71%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3057, 43.5350, 22.6394 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 26.3057, 43.5350, 22.6394 by changing the saturation by 10% instead.


 26.3057, 43.5350,
22.6394


 26.3057, 43.5350,
22.6394


276.5088,
360.8074, 278.9291


 17.1864, 30.3051,
14.1247


 53.1955, 80.5176,
48.7162


 10.4636, 20.0703,
8.0677


 71.6967, 105.0390,
67.1154

 5.7720, 12.4461,
4.0499


 94.0558, 134.0932,
89.6464

 2.7463, 7.0483,
1.6528

 120.6383,
168.0643, 116.7279

 1.0211, 3.4923,
0.3281

151.8095,
207.3369, 148.7784

 0.0000, 1.3938,
0.0000

187.9347,

 0.0000, 0.2122,

252.2954, 186.2164

0.0000

229.3794,
303.3241, 229.4604

■ 0.0000, 0.0000,
0.0000

■ 26.3057, 43.5350,
22.6394

■ 26.3057, 43.5350,
22.6394

■ 24.2671, 42.5683,
18.7922

■ 28.9514, 44.8034,
27.1338

■ 22.7798, 41.8716,
15.5590

■ 32.2469, 46.3914,
32.3007

■ 21.7828, 41.4153,
12.9080

■ 36.2349, 48.3215,
38.1674

■ 21.2662, 41.1853,
11.2416

■ 40.9532, 50.6129,
44.7590

■ 46.4368, 53.2830,
52.0993

■ 52.7187, 56.3484,
60.2109

■ 59.8296, 59.8245,
69.1156

■ 67.7986, 63.7258,
78.8340

■ 76.6537, 68.0664,
89.3865

Harmonies

Analogous

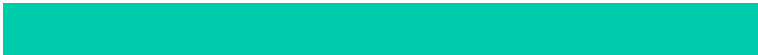
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.4629, 43.5350, 12.1794



26.3057, 43.5350, 22.6394



24.0868, 43.5350, 45.4532

Triad

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



26.3057, 43.5350, 22.6394



40.6924, 43.5350, 133.6133



62.2295, 43.5350, 24.7960

Complementary

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



26.3057, 43.5350, 22.6394



32.5036, 19.7483, 35.8181

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.



65.4329, 43.5350, 49.4062



26.3057, 43.5350, 22.6394



51.7936, 43.5350, 120.3635

Square

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



26.3057, 43.5350, 22.6394



31.4568, 43.5350, 116.7224



61.3281, 43.5350, 85.7227



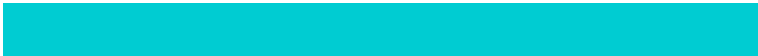
53.1942, 43.5350, 12.9958

Rectangle

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



26.3057, 43.5350, 22.6394



24.7903, 43.5350, 68.0440



61.3281, 43.5350, 85.7227



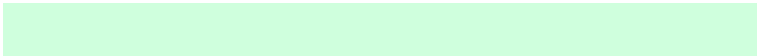
64.0857, 43.5350, 31.4243

Sweetspot

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



26.3068, 43.5368, 22.6404



74.4708, 89.9624, 82.1242



36.5546, 49.0174, 14.1915



15.3724, 18.9796, 16.8078



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.



26.3068, 43.5368, 22.6404



41.3933, 74.0157, 30.6341



30.9859, 45.4084, 47.2799



10.6291, 11.9405, 11.9969



13.7087, 26.4959, 7.4108



0.6819, 1.2677, 0.5236

Inverse Universe

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



32.5036, 19.7483, 35.8181



53.0677, 28.9020, 55.2397



28.3610, 18.0912, 14.0035



10.9393, 10.7591, 12.6638



18.1364, 9.0041, 16.4600



0.8900, 0.4388, 0.9440

Previews

White Background



This preview shows how the XYZ color 26.3057, 43.5350, 22.6394 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 26.3057, 43.5350, 22.6394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

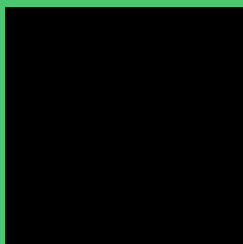
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3057, 43.5350, 22.6394

Background



This preview shows how black text looks on a background with the XYZ color 26.3057, 43.5350, 22.6394.



This preview shows how white text looks on a background with the XYZ color 26.3057, 43.5350,

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

26.3057, 43.5350, 22.6394

Protanopia

39.3145, 42.7358, 19.2734

Deuteranopia

43.5034, 42.5488, 23.6892



Tritanopia

34.3618, 43.1509, 63.6446

Trichromacy



Original Color

26.3057, 43.5350, 22.6394



Protanomaly

32.1888, 41.7321, 20.2685



Deuteranomaly

33.8282, 40.9981, 22.9601



Tritanomaly

30.6140, 42.9149, 45.1979

Monochromacy



Original Color

26.3057, 43.5350, 22.6394



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.0876, 34.4960, 29.2755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3057, 43.5350, 22.6394 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(75, 199, 113)` looks like.

```
.text, #text, p{  
    color:rgb(75, 199, 113)  
}
```

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(75, 199, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 199, 113) }
```

Border

The CSS property to change the border of an element to XYZ 26.3057, 43.5350, 22.6394 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(75, 199, 113) }
```


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

```
.border{ border-color:rgb(75, 199, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 199, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 199, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 199, 113);  
box-shadow:4px 4px 4px 4px rgb(75, 199,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3057, 43.5350, 22.6394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 199, 113) }
```

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

```
.background{ background-color: rgb(75, 199,  
113) }
```

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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