

Converting Colors

XYZ(25.8911, 41.8006, 30.1916)

Have a look what the booklet for
XYZ(25.8911, 41.8006, 30.1916)
contains.

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Color

**XYZ(25.9549, 41.8285,
30.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC389
RGB	61, 195, 137
RGB Percent	24%, 76%, 54%
CMY	0.7608, 0.2353, 0.4627
CMYK	0.69, 0.00, 0.30, 0.24
HSL	154°, 53%, 50%
HSV	154°, 69%, 76%
XYZ	25.9549, 41.8285, 30.3726
YIQ	148.3220, -61.2460, -46.4460

Conversions

Conversions Part 2

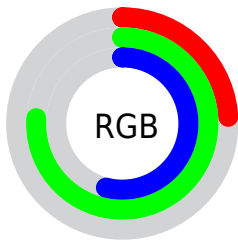
Format	Color
RYB	61, 147, 195
Decimal	4047753
CIELab	70.75, -49.55, 18.89
CIELCh	71, 53.027, 159.125
Yxy	41.8285, 0.2644, 0.4261
Android (android.graphics.Color)	4282237833 (0xFF3DC389)
YUV	148.3220, -5.5817, -76.5814
Hunter-Lab	64.6750, -41.5468, 17.4287

Details

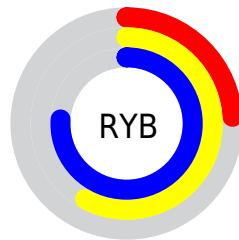
The XYZ color **25.9549, 41.8285, 30.3726** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **27.5055, 16.2724, 19.1453**, and the grayscale version is **28.3247, 29.7997, 32.4519**.

A 20% lighter version of the original color is **52.5266, 77.6675, 61.5131**, and **11.0984, 19.4443, 12.1850** is the 20% darker color. If you saturate the color by 10%, you get **24.3838, 41.0869, 27.2616**, and if you desaturate by 10%, it is **28.0118, 42.8173, 33.7554**.

Distribution



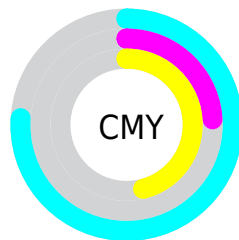
- Red (24%)
- Green (76%)
- Blue (54%)



- Red (24%)
- Yellow (58%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)





- Cyan (76%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9549, 41.8285, 30.3726 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 25.9549, 41.8285, 30.3726 by changing the saturation by 10% instead.


 25.9549, 41.8285,
30.3726


 25.9549, 41.8285,
30.3726


274.8214,
353.7715, 317.8986


 16.9224, 28.9670,
19.8671


 52.6340, 77.9400,
61.3189

 10.2741, 19.0559,
12.1154


 71.0113, 101.9588,
82.5968


 5.6448, 11.7107,
6.6988


 93.2343, 130.4655,
108.3025

 2.6689, 6.5470,
3.1989

 119.6683,
163.8446, 138.8547

 0.9812, 3.1804,
1.1971

 150.6786,
202.4803, 174.6719

 0.0000, 1.2266,
0.0000

186.6307,

 0.0000, 0.0833,

246.7571, 216.1726

0.0000

227.8898,
297.0594, 263.7753

■ 0.0000, 0.0000,
0.0000

■ 25.9549, 41.8285,
30.3726

■ 25.9549, 41.8285,
30.3726

■ 24.3838, 41.0869,
27.2616

■ 28.0118, 42.8173,
33.7554

■ 23.2443, 40.5614,
24.4117

■ 30.5948, 44.0705,
37.4147

■ 22.4540, 40.2107,
21.8139

■ 33.7434, 45.6096,
41.3586

■ 22.3630, 40.1706,
21.4979

■ 37.4923, 47.4524,
45.5936

■ 41.8733, 49.6151,
50.1263

■ 46.9160, 52.1129,
54.9630

■ 52.6480, 54.9599,
60.1096

■ 59.0952, 58.1693,
65.5718

■ 66.2823, 61.7538,
71.3555

Harmonies

Analogous

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



30.0106, 41.8285, 17.3540



25.9549, 41.8285, 30.3726



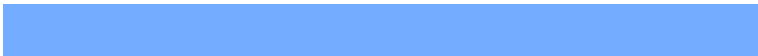
25.2863, 41.8285, 53.6662

Triad

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



25.9549, 41.8285, 30.3726



42.4999, 41.8285, 112.0639



54.3740, 41.8285, 21.3063

Complementary

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



25.9549, 41.8285, 30.3726



27.5055, 16.2724, 19.1453

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.



58.9034, 41.8285, 38.2859



25.9549, 41.8285, 30.3726



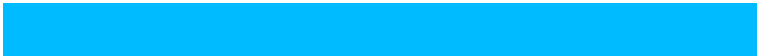
51.4129, 41.8285, 94.4037

Square

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



25.9549, 41.8285, 30.3726



34.0294, 41.8285, 107.4511



57.7464, 41.8285, 65.0764



46.0931, 41.8285, 13.6215

Rectangle

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



25.9549, 41.8285, 30.3726



26.7365, 41.8285, 73.4224



57.7464, 41.8285, 65.0764



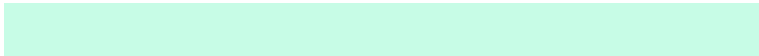
56.4375, 41.8285, 25.8021

Sweetspot

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



25.9560, 41.8302, 30.3736



72.8340, 87.7908, 87.6040



27.9756, 43.2956, 11.2977



15.4590, 18.9829, 18.6804



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.



25.9560, 41.8302, 30.3736



42.6507, 73.1106, 46.4423



29.3490, 40.0798, 57.8212



10.1783, 11.3524, 11.9425



14.5770, 26.1249, 14.1975



0.6639, 1.1424, 0.7927

Inverse Universe

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



27.5055, 16.2724, 19.1453



45.6396, 24.4407, 25.2500



25.5351, 16.3118, 6.2179



10.2502, 10.1487, 11.4079



15.7184, 7.9771, 6.4293



0.7137, 0.3585, 0.4596

Previews

White Background



This preview shows how the XYZ color 25.9549, 41.8285, 30.3726 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 25.9549, 41.8285, 30.3726 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

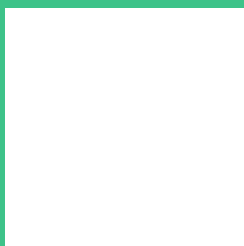
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9549, 41.8285, 30.3726

Background



This preview shows how black text looks on a background with the XYZ color 25.9549, 41.8285, 30.3726.



This preview shows how white text looks on a background with the XYZ color 25.9549, 41.8285,

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

25.9549, 41.8285, 30.3726

Protanopia

38.2856, 41.2018, 25.6735

Deuteranopia

41.7779, 40.9297, 32.0838



Tritanopia

32.3615, 41.8312, 62.2457

Trichromacy



Original Color

25.9549, 41.8285, 30.3726



Protanomaly

30.9980, 39.7432, 27.1565



Deuteranomaly

32.5458, 39.2697, 31.0638



Tritanomaly

29.5912, 41.6610, 48.6012

Monochromacy



Original Color

25.9549, 41.8285, 30.3726



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.6916, 32.6369, 31.3310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9549, 41.8285, 30.3726 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(61, 195, 137)` looks like.

```
.text, #text, p{  
    color:rgb(61, 195, 137)  
}
```

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(61, 195, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 195, 137) }
```

Border

The CSS property to change the border of an element to XYZ 25.9549, 41.8285, 30.3726 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(61, 195, 137) }
```


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

```
.border{ border-color:rgb(61, 195, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 195, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 195, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 195, 137);  
box-shadow:4px 4px 4px 4px rgb(61, 195,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9549, 41.8285, 30.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 195, 137) }
```

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

```
.background{ background-color: rgb(61, 195,  
137) }
```

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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