

Converting Colors

XYZ(30.5525, 50.7075, 26.8603)

Have a look what the booklet for
XYZ(30.5525, 50.7075, 26.8603)
contains.

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Color

**XYZ(30.5113, 50.6383,
26.9049)**

Conversions

Conversions Part 1

Format	Color
Hex	4ED57B
RGB	78, 213, 123
RGB Percent	31%, 84%, 48%
CMY	0.6941, 0.1647, 0.5176
CMYK	0.63, 0.00, 0.42, 0.16
HSL	140°, 62%, 57%
HSV	140°, 63%, 84%
XYZ	30.5113, 50.6383, 26.9049
YIQ	162.3750, -51.5700, -56.6100

Conversions

Conversions Part 2

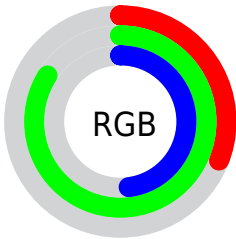
Format	Color
RYB	78, 179, 213
Decimal	5166459
CIELab	76.46, -56.18, 33.91
CIELCh	76, 65.617, 148.883
Yxy	50.6383, 0.2824, 0.4686
Android (android.graphics.Color)	4283356539 (0xFF4ED57B)
YUV	162.3750, -19.4119, -73.9969
Hunter-Lab	71.1606, -47.9962, 27.3956

Details

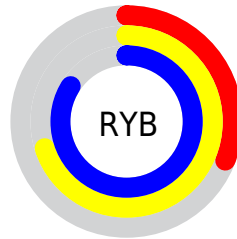
The XYZ color **30.5113, 50.6383, 26.9049** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **37.2345, 22.4231, 39.4132**, and the grayscale version is **34.6253, 36.4285, 39.6707**.

A 20% lighter version of the original color is **54.4117, 80.2300, 53.6924**, and **13.2596, 24.5950, 10.3518** is the 20% darker color. If you saturate the color by 10%, you get **28.2153, 49.5514, 22.4895**, and if you desaturate by 10%, it is **33.5038, 52.0721, 32.0283**.

Distribution



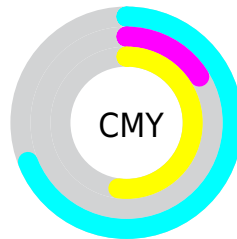
- Red (31%)
- Green (84%)
- Blue (48%)



- Red (31%)
- Yellow (70%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)





- Cyan (69%)
- Magenta (16%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5113, 50.6383, 26.9049 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 30.5113, 50.6383, 26.9049 by changing the saturation by 10% instead.


 30.5113, 50.6383,
26.9049


 30.5113, 50.6383,
26.9049


296.1478,
389.1569, 300.9420


 20.3770, 35.9208,
17.2700


 59.8509, 91.1199,
55.7331


 12.7792, 24.3731,
10.2632


 79.7870, 117.6528,
75.7635

 7.3527, 15.6106,
5.4659


 103.7210,
148.8930, 100.0961

 3.7319, 9.2490,
2.4597

 132.0183,
185.2249, 129.1496

 1.5516, 4.9040,
0.8187

165.0443,
227.0328, 163.3423

 0.3605, 2.1910,
0.0000

203.1643,

 0.0000, 0.7151,

274.7012, 203.0929

0.0000

246.7436,
328.6144, 248.8200

■ 0.0000, 0.0000,
0.0000

■ 30.5113, 50.6383,
26.9049

■ 30.5113, 50.6383,
26.9049

■ 28.2153, 49.5514,
22.4895

■ 33.5038, 52.0721,
32.0283

■ 26.5496, 48.7738,
18.7468

■ 37.2435, 53.8743,
37.8859

■ 25.4408, 48.2698,
15.6435

■ 41.7805, 56.0713,
44.5067

■ 24.9326, 48.0454,
13.9210

■ 47.1594, 58.6858,
51.9171

■ 53.4214, 61.7384,
60.1423

■ 60.6049, 65.2484,
69.2063

■ 68.7460, 69.2340,
79.1320

■ 77.8788, 73.7124,
89.9416

■ 82.4171, 75.8032,
101.3934

Harmonies

Analogous

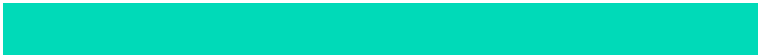
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.5359, 50.6383, 14.4255



30.5113, 50.6383, 26.9049



28.0592, 50.6383, 53.8204

Triad

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



30.5113, 50.6383, 26.9049



47.6684, 50.6383, 155.0673



72.0917, 50.6383, 28.3545

Complementary

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



30.5113, 50.6383, 26.9049



37.2345, 22.4231, 39.4132

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.



76.0268, 50.6383, 56.4739



30.5113, 50.6383, 26.9049



60.5510, 50.6383, 138.8208

Square

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



30.5113, 50.6383, 26.9049



36.8601, 50.6383, 136.3797



71.4869, 50.6383, 98.3372



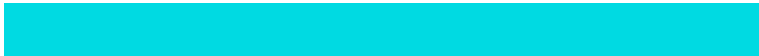
61.4909, 50.6383, 14.9751

Rectangle

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



30.5113, 50.6383, 26.9049



28.9584, 50.6383, 80.2380



71.4869, 50.6383, 98.3372



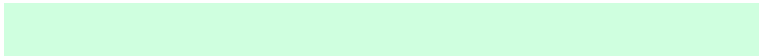
74.3105, 50.6383, 35.9061

Sweetspot

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



30.5126, 50.6404, 26.9061



74.6454, 90.0322, 83.0438



41.8028, 56.7149, 15.9519



15.4141, 18.9963, 17.0276



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.



30.5126, 50.6404, 26.9061



41.4498, 74.0196, 31.7735



36.0418, 52.8520, 56.0223



12.4314, 13.9636, 14.0865



15.2719, 29.3641, 8.7272



0.9590, 1.7863, 0.7259

Inverse Universe

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



37.2345, 22.4231, 39.4132



52.2575, 28.3541, 51.6636



32.6020, 20.5701, 15.0190



12.7689, 12.5590, 14.7230



19.7935, 9.8537, 16.7486



1.2315, 0.6094, 1.2086

Previews

White Background



This preview shows how the XYZ color 30.5113, 50.6383, 26.9049 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 30.5113, 50.6383, 26.9049 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

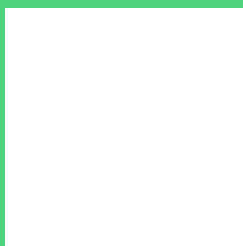
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5113, 50.6383, 26.9049

Background



This preview shows how black text looks on a background with the XYZ color 30.5113, 50.6383, 26.9049.



This preview shows how white text looks on a background with the XYZ color 30.5113, 50.6383,

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

30.5113, 50.6383, 26.9049

Protanopia

45.9278, 49.7120, 22.7975

Deuteranopia

50.6483, 49.5669, 28.3706



Tritanopia

39.8388, 50.4288, 73.9637

Trichromacy



Original Color

30.5113, 50.6383, 26.9049



Protanomaly

37.2489, 48.1351, 24.1574



Deuteranomaly

39.1046, 47.3662, 27.5036



Tritanomaly

35.4424, 50.0483, 52.5920

Monochromacy



Original Color

30.5113, 50.6383, 26.9049



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.2292, 40.0112, 34.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5113, 50.6383, 26.9049 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(78, 213, 123)` looks like.

```
.text, #text, p{  
    color:rgb(78, 213, 123)  
}
```

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(78, 213, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 213, 123) }
```

Border

The CSS property to change the border of an element to XYZ 30.5113, 50.6383, 26.9049 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(78, 213, 123) }
```


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

```
.border{ border-color:rgb(78, 213, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 213, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 213, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 213, 123);  
box-shadow:4px 4px 4px 4px rgb(78, 213,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5113, 50.6383, 26.9049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 213, 123) }
```

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

```
.background{ background-color: rgb(78, 213,  
123) }
```

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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