

Converting Colors

XYZ(30.9134, 56.3000, 27.3425)

Have a look what the booklet for
XYZ(30.9134, 56.3000, 27.3425)
contains.

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Color

**XYZ(30.9203, 56.3186,
27.3301)**

Conversions

Conversions Part 1

Format	Color
Hex	00E379
RGB	0, 227, 121
RGB Percent	0%, 89%, 47%
CMY	0.9999, 0.1098, 0.5255
CMYK	1.00, 0.00, 0.47, 0.11
HSL	152°, 100%, 45%
HSV	152°, 100%, 89%
XYZ	30.9203, 56.3186, 27.3301
YIQ	147.0430, -101.2660, -81.0900

Conversions

Conversions Part 2

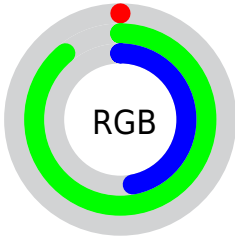
Format	Color
RYB	0, 148, 227
Decimal	58233
CIELab	79.79, -69.03, 39.00
CIELCh	80, 79.287, 150.533
Yxy	56.3186, 0.2699, 0.4916
Android (android.graphics.Color)	4278248313 (0xFF00E379)
YUV	147.0430, -12.8392, -128.9567
Hunter-Lab	75.0457, -57.7845, 30.9398

Details

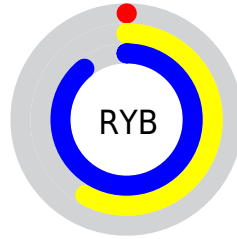
The XYZ color **30.9203, 56.3186, 27.3301** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **34.2825, 17.3729, 15.1875**, and the grayscale version is **27.8355, 29.2852, 31.8915**.

A 20% lighter version of the original color is **49.6822, 77.8033, 52.9565**, and **15.4802, 29.1916, 10.6130** is the 20% darker color. If you saturate the color by 10%, you get **30.9209, 56.3205, 27.3285**, and if you desaturate by 10%, it is **31.9549, 56.7742, 30.9623**.

Distribution



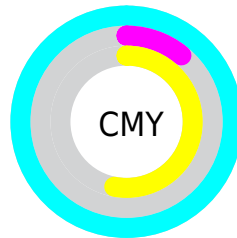
- Red (0%)
- Green (89%)
- Blue (47%)



- Red (0%)
- Yellow (58%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9203, 56.3186, 27.3301 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 30.9203, 56.3186, 27.3301 by changing the saturation by 10% instead.


 30.9203, 56.3186,
27.3301


 30.9203, 56.3186,
27.3301


298.0044,
410.8911, 303.0625

 20.6897, 40.4584,
17.5867


 60.4913, 99.4703,
56.4233


 13.0085, 27.8962,
10.4873


 80.5623, 127.5305,
76.6101


 7.5115, 18.2474,
5.6134

 104.6443,
160.4263, 101.1151

 3.8331, 11.1277,
2.5465

 133.1024,
198.5419, 130.3569

 1.6082, 6.1528,
0.8647

 166.3022,
242.2618, 164.7540

 0.3977, 2.9382,
0.0000

204.6088,

 0.0000, 1.0996,

291.9704, 204.7250

0.0000

248.3878,
348.0520, 250.6882

■ 0.0000, 0.0000,
0.0000

■ 30.9203, 56.3186,
27.3301

■ 30.9203, 56.3186,
27.3301

■ 30.9209, 56.3205,
27.3285

■ 31.9549, 56.7742,
30.9623

■ 33.4687, 57.4668,
35.0001

■ 35.5961, 58.4670,
39.4622

■ 38.4142, 59.8142,
44.3624

■ 41.9881, 61.5419,
49.7142

■ 46.3752, 63.6793,
55.5298

■ 51.6267, 66.2528,
61.8213

■ 57.7900, 69.2864,
68.5998

■ 64.9084, 72.8024,
75.8764

Harmonies

Analogous

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



39.3419, 56.3186, 12.3723



30.9203, 56.3186, 27.3301



28.2362, 56.3186, 62.1466

Triad

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



30.9203, 56.3186, 27.3301



53.8165, 56.3186, 198.8028



84.7244, 56.3186, 26.5082

Complementary

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



30.9203, 56.3186, 27.3301



34.2825, 17.3729, 15.1875

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.



90.6633, 56.3186, 60.5035



30.9203, 56.3186, 27.3301



70.7728, 56.3186, 173.1749

Square

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



30.9203, 56.3186, 27.3301



39.7480, 56.3186, 174.8214



85.1145, 56.3186, 115.8303



70.1760, 56.3186, 12.0919

Rectangle

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



30.9203, 56.3186, 27.3301



29.5336, 56.3186, 97.8047



85.1145, 56.3186, 115.8303



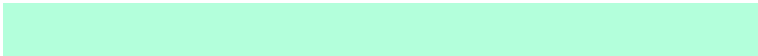
87.9100, 56.3186, 35.2690

Sweetspot

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



30.9217, 56.3209, 27.3314



67.0574, 86.1732, 80.3065



33.8669, 58.2378, 9.4566



13.7040, 18.1261, 16.4298



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

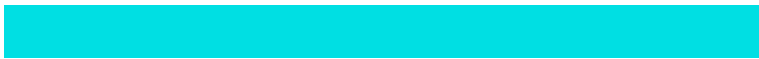
The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9217, 56.3209, 27.3314



40.1980, 73.2952, 35.2901



40.3125, 58.4397, 81.8310



14.5088, 16.2170, 16.9442



18.0921, 32.8689, 16.2510



1.3838, 2.4476, 1.4476

Inverse Universe

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



34.2825, 17.3729, 15.1875



44.5748, 22.5939, 19.4909



31.7211, 16.4141, 1.4969



14.6557, 14.4795, 16.3872



20.0503, 10.1543, 9.1596



1.5282, 0.7690, 0.9221

Previews

White Background



This preview shows how the XYZ color 30.9203, 56.3186, 27.3301 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 30.9203, 56.3186, 27.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

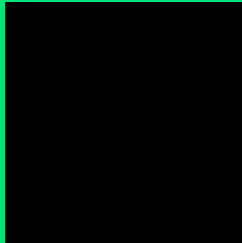
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9203, 56.3186, 27.3301

Background



This preview shows how black text looks on a background with the XYZ color 30.9203, 56.3186, 27.3301.

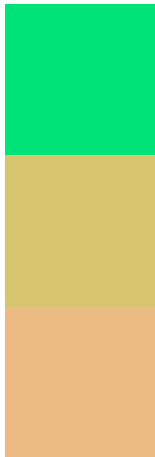


This preview shows how white text looks on a background with the XYZ color 30.9203, 56.3186,

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

30.9203, 56.3186, 27.3301

Protanopia

50.5787, 55.0527, 22.7123

Deuteranopia

56.1280, 54.8415, 29.0999



Tritanopia

42.6122, 56.3584, 84.9763

Trichromacy



Original Color

30.9203, 56.3186, 27.3301



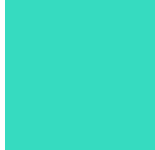
Protanomaly

35.6666, 51.1589, 23.9144



Deuteranomaly

37.5290, 50.2574, 27.8013



Tritanomaly

36.3673, 55.2531, 58.6173

Monochromacy



Original Color

30.9203, 56.3186, 27.3301



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.7289, 35.2653, 29.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9203, 56.3186, 27.3301 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(0, 227, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 121)  
}
```

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(0, 227, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 121) }
```

Border

The CSS property to change the border of an element to XYZ 30.9203, 56.3186, 27.3301 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(0, 227, 121) }
```


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

```
.border{ border-color:rgb(0, 227, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9203, 56.3186, 27.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 121) }
```

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

```
.background{ background-color: rgb(0, 227,  
121) }
```

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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