

Converting Colors

XYZ(30.9543, 53.9280, 27.5203)

Have a look what the booklet for
XYZ(30.9543, 53.9280, 27.5203)
contains.

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Color

**XYZ(30.9529, 53.9272,
27.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	36DD7B
RGB	54, 221, 123
RGB Percent	21%, 87%, 48%
CMY	0.7882, 0.1333, 0.5176
CMYK	0.76, 0.00, 0.44, 0.13
HSL	145°, 71%, 54%
HSV	145°, 76%, 87%
XYZ	30.9529, 53.9272, 27.5165
YIQ	159.8950, -68.0740, -65.8820

Conversions

Conversions Part 2

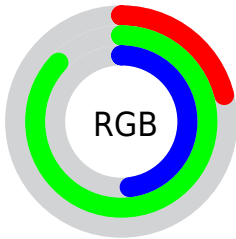
Format	Color
RYB	54, 172, 221
Decimal	3595643
CIELab	78.42, -62.98, 36.35
CIELCh	78, 72.715, 150.011
Yxy	53.9272, 0.2754, 0.4798
Android (android.graphics.Color)	4281785723 (0xFF36DD7B)
YUV	159.8950, -18.1892, -92.8699
Hunter-Lab	73.4351, -53.2738, 29.1884

Details

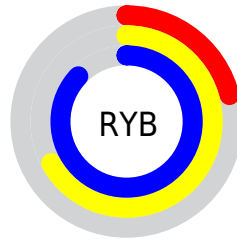
The XYZ color **30.9529, 53.9272, 27.5165** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark muted spring green. A complement of this color would be **36.8071, 20.2785, 31.6818**, and the grayscale version is **33.4701, 35.2131, 38.3471**.

A 20% lighter version of the original color is **52.1533, 79.0543, 54.1052**, and **14.4452, 27.0188, 10.5847** is the 20% darker color. If you saturate the color by 10%, you get **29.2664, 53.1469, 23.4773**, and if you desaturate by 10%, it is **33.2881, 55.0324, 32.1499**.

Distribution



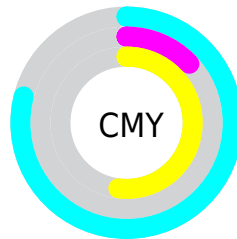
- Red (21%)
- Green (87%)
- Blue (48%)



- Red (21%)
- Yellow (67%)
- Blue (87%)



- Cyan (76%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)





- Cyan (79%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9529, 53.9272, 27.5165 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 30.9529, 53.9272, 27.5165 by changing the saturation by 10% instead.


 30.9529, 53.9272,
27.5165


 30.9529, 53.9272,
27.5165


298.1520,
401.8323, 303.9882


 20.7146, 38.5435,
17.7257


 60.5423, 95.9673,
56.7254


 13.0268, 26.4048,
10.5858


 80.6241, 123.3925,
76.9804


 7.5242, 17.1267,
5.6784

 104.7178,
155.6004, 101.5607

 3.8412, 10.3249,
2.5849

 133.1887,
192.9752, 130.8846

 1.6127, 5.6149,
0.8847

 166.4022,
235.9014, 165.3708

 0.4007, 2.6123,
0.0000

204.7237,

 0.0000, 0.9329,

284.7634, 205.4378

0.0000

248.5185,
339.9456, 251.5041

■ 0.0000, 0.0000,
0.0000

■ 30.9529, 53.9272,
27.5165

■ 30.9529, 53.9272,
27.5165

■ 29.2664, 53.1469,
23.4773

■ 33.2881, 55.0324,
32.1499

■ 28.1408, 52.6424,
20.0028

■ 36.3366, 56.4910,
37.3978

■ 27.7593, 52.4756,
18.6340

■ 40.1591, 58.3352,
43.2838

■ 44.8084, 60.5920,
49.8291

■ 50.3325, 63.2856,
57.0539

■ 56.7757, 66.4385,
64.9775

■ 64.1792, 70.0715,
73.6183

■ 72.5814, 74.2042,
82.9941

■ 82.0188, 78.8550,
93.1219

Harmonies

Analogous

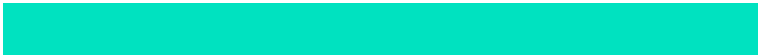
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.7060, 53.9272, 13.5394



30.9529, 53.9272, 27.5165



28.3988, 53.9272, 58.7331

Triad

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



30.9529, 53.9272, 27.5165



51.2616, 53.9272, 177.7791



78.9170, 53.9272, 27.5003

Complementary

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



30.9529, 53.9272, 27.5165



36.8071, 20.2785, 31.6818

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.



83.9311, 53.9272, 58.7020



30.9529, 53.9272, 27.5165



66.2624, 53.9272, 156.6022

Square

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



30.9529, 53.9272, 27.5165



38.7138, 53.9272, 156.6321



78.9243, 53.9272, 107.4794



66.2513, 53.9272, 13.5336

Rectangle

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



30.9529, 53.9272, 27.5165



29.5325, 53.9272, 89.9687



78.9243, 53.9272, 107.4794



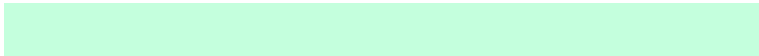
81.6477, 53.9272, 35.6978

Sweetspot

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



30.9543, 53.9294, 27.5177



71.6117, 88.5010, 81.4233



39.8886, 58.8713, 12.7514



14.6780, 18.6253, 16.6076



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.



30.9543, 53.9294, 27.5177



39.4315, 73.0293, 29.4158



38.3145, 56.8735, 66.2762



13.1085, 14.6950, 15.0343



16.1785, 30.5040, 11.1053



1.0903, 1.9931, 0.9417

Inverse Universe

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



36.8071, 20.2785, 31.6818



47.8142, 24.3783, 35.0427



32.2671, 18.4625, 7.7744



13.3750, 13.1791, 15.2357



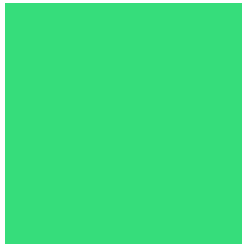
19.7084, 9.8844, 13.3763



1.3193, 0.6574, 1.0904

Previews

White Background



This preview shows how the XYZ color 30.9529, 53.9272, 27.5165 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 30.9529, 53.9272, 27.5165 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 30.9529, 53.9272, 27.5165

Background



This preview shows how black text looks on a background with the XYZ color 30.9529, 53.9272, 27.5165.

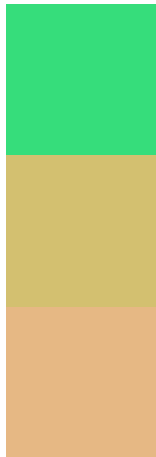


This preview shows how white text looks on a background with the XYZ color 30.9529, 53.9272,

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

30.9529, 53.9272, 27.5165

Protanopia

48.6382, 52.7180, 22.9413

Deuteranopia

53.9385, 52.7699, 29.1725



Tritanopia

41.3518, 53.5787, 80.1138

Trichromacy



Original Color

30.9529, 53.9272, 27.5165



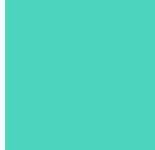
Protanomaly

37.8347, 50.8429, 24.3425



Deuteranomaly

39.6546, 49.6245, 28.2573



Tritanomaly

36.3729, 53.0120, 56.4594

Monochromacy



Original Color

30.9529, 53.9272, 27.5165



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

29.8796, 39.6274, 33.6778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9529, 53.9272, 27.5165 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(54, 221, 123)` looks like.

```
.text, #text, p{  
    color:rgb(54, 221, 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(54, 221, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 221, 123) }
```

Border

The CSS property to change the border of an element to XYZ 30.9529, 53.9272, 27.5165 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(54, 221, 123) }
```


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

```
.border{ border-color:rgb(54, 221, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 221, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 221, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 221, 123);  
box-shadow:4px 4px 4px 4px rgb(54, 221,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9529, 53.9272, 27.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 221, 123) }
```

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

```
.background{ background-color: rgb(54, 221,  
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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