

Converting Colors

XYZ(30.5490, 54.5034, 27.9240)

Have a look what the booklet for
XYZ(30.5490, 54.5034, 27.9240)
contains.

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Color

**XYZ(30.5612, 54.5066,
27.9789)**

Conversions

Conversions Part 1

Format	Color
Hex	1EDF7C
RGB	30, 223, 124
RGB Percent	12%, 87%, 49%
CMY	0.8823, 0.1255, 0.5137
CMYK	0.87, 0.00, 0.44, 0.13
HSL	149°, 76%, 50%
HSV	149°, 87%, 87%
XYZ	30.5612, 54.5066, 27.9789
YIQ	154.0070, -83.2490, -71.7050

Conversions

Conversions Part 2

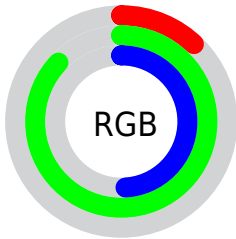
Format	Color
RYB	30, 160, 223
Decimal	2023292
CIELab	78.76, -65.89, 36.22
CIELCh	79, 75.190, 151.201
Yxy	54.5066, 0.2703, 0.4822
Android (android.graphics.Color)	4280213372 (0xFF1EDF7C)
YUV	154.0070, -14.7935, -108.7541
Hunter-Lab	73.8286, -55.3103, 29.2108

Details

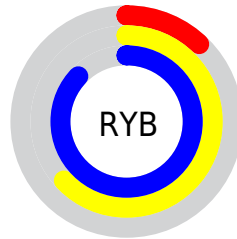
The XYZ color **30.5612, 54.5066, 27.9789** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **34.8600, 18.2027, 22.4478**, and the grayscale version is **30.8090, 32.4135, 35.2983**.

A 20% lighter version of the original color is **50.7353, 78.3118, 54.5611**, and **14.8388, 27.7535, 10.8782** is the 20% darker color. If you saturate the color by 10%, you get **29.4413, 54.0095, 24.3674**, and if you desaturate by 10%, it is **32.2251, 55.2774, 32.0564**.

Distribution



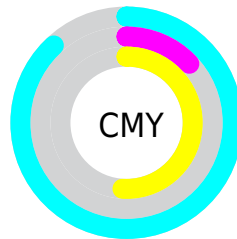
- Red (12%)
- Green (87%)
- Blue (49%)



- Red (12%)
- Yellow (63%)
- Blue (87%)



- Cyan (87%)
- Magenta (0%)
- Yellow (44%)
- Black (13%)




- Cyan (88%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5612, 54.5066, 27.9789 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 30.5612, 54.5066, 27.9789 by changing the saturation by 10% instead.


 30.5612, 54.5066,
27.9789


 30.5612, 54.5066,
27.9789


296.3748,
404.0389, 306.2748


 20.4151, 39.0068,
18.0709


 59.9291, 96.8177,
57.4734


 12.8072, 26.7650,
10.8309


 79.8817, 124.3978,
77.8970


 7.3720, 17.3968,
5.8405


 103.8338,
156.7734, 102.6629

 3.7442, 10.5178,
2.6811

 132.1507,
194.3290, 132.1895

 1.5585, 5.7436,
0.9339

 165.1980,
237.4490, 166.8955

 0.3651, 2.6898,
0.0000

203.3408,

 0.0000, 0.9720,

286.5177, 207.1993

0.0000

246.9446,
341.9195, 253.5196

■ 0.0000, 0.0000,
0.0000

■ 30.5612, 54.5066,
27.9789

■ 30.5612, 54.5066,
27.9789

■ 29.4413, 54.0095,
24.3674

■ 32.2251, 55.2774,
32.0564

■ 29.1281, 53.8731,
23.2216

■ 34.5169, 56.3603,
36.6144

■ 37.5079, 57.7934,
41.6711

■ 41.2581, 59.6073,
47.2422

■ 45.8209, 61.8292,
53.3427

■ 51.2446, 64.4838,
59.9869

■ 57.5735, 67.5936,
67.1884

■ 64.8489, 71.1797,
74.9604

■ 73.1095, 75.2618,
83.3156

Harmonies

Analogous

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



38.3533, 54.5066, 13.2298



30.5612, 54.5066, 27.9789



28.1432, 54.5066, 61.0826

Triad

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



30.5612, 54.5066, 27.9789



52.4089, 54.5066, 184.7505



80.3362, 54.5066, 26.2153

Complementary

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



30.5612, 54.5066, 27.9789



34.8600, 18.2027, 22.4478

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.



86.0005, 54.5066, 57.6474



30.5612, 54.5066, 27.9789



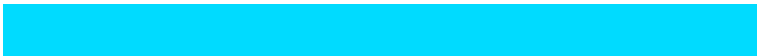
68.0876, 54.5066, 160.6506

Square

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



30.5612, 54.5066, 27.9789



39.2097, 54.5066, 164.0097



81.1423, 54.5066, 108.2220



66.8488, 54.5066, 12.6083

Rectangle

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



30.5612, 54.5066, 27.9789



29.4480, 54.5066, 94.1881



81.1423, 54.5066, 108.2220



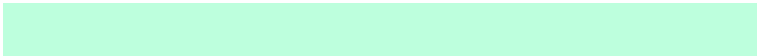
83.3226, 54.5066, 34.3732

Sweetspot

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



30.5626, 54.5088, 27.9802



69.7218, 87.5204, 81.6182



35.7864, 57.5950, 10.4596



14.3419, 18.4480, 16.7770



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.



30.5626, 54.5088, 27.9802



39.4103, 72.9801, 31.1424



39.8144, 58.2095, 76.6996



13.8056, 15.4480, 16.0113



17.1829, 31.6980, 13.9522



1.2362, 2.2152, 1.2047

Inverse Universe

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



34.8600, 18.2027, 22.4478



45.3236, 22.8935, 23.4341



31.1747, 16.7285, 3.0412



13.9993, 13.8173, 15.7662



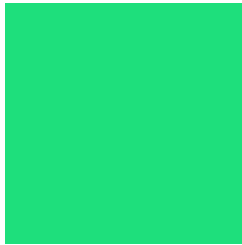
19.7496, 9.9668, 10.6131



1.4141, 0.7089, 0.9737

Previews

White Background



This preview shows how the XYZ color 30.5612, 54.5066, 27.9789 looks on a white background.

Color Contrast Check

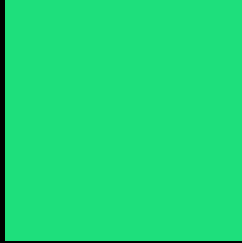
Large Text (above 18pt) WCAG AA × Fail

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 30.5612, 54.5066, 27.9789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

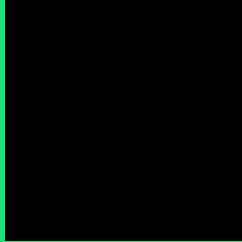
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5612, 54.5066, 27.9789

Background



This preview shows how black text looks on a background with the XYZ color 30.5612, 54.5066, 27.9789.

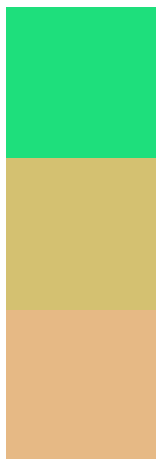


This preview shows how white text looks on a background with the XYZ color 30.5612, 54.5066,

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

30.5612, 54.5066, 27.9789

Protanopia

49.2020, 53.3292, 23.3231

Deuteranopia

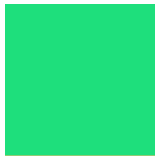
54.2157, 53.2144, 29.6042



Tritanopia

41.2283, 54.2162, 81.6906

Trichromacy



Original Color

30.5612, 54.5066, 27.9789



Protanomaly

36.6578, 50.5811, 24.6607



Deuteranomaly

38.3573, 49.6267, 28.6764



Tritanomaly

35.8415, 53.4768, 57.1482

Monochromacy



Original Color

30.5612, 54.5066, 27.9789



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

27.3847, 37.4746, 31.7766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5612, 54.5066, 27.9789 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(30, 223, 124)` looks like.

```
.text, #text, p{  
    color:rgb(30, 223, 124)  
}
```

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(30, 223, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 223, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.5612, 54.5066, 27.9789 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(30, 223, 124) }
```


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

```
.border{ border-color:rgb(30, 223, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 223, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 223, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 223, 124);  
box-shadow:4px 4px 4px 4px rgb(30, 223,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5612, 54.5066, 27.9789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 223, 124) }
```

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

```
.background{ background-color: rgb(30, 223,  
124) }
```

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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