

Converting Colors

XYZ(30.4858, 55.7257, 28.1870)

Have a look what the booklet for
XYZ(30.4858, 55.7257, 28.1870)
contains.

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Color

**XYZ(30.8344, 55.8479,
28.2234)**

Conversions

Conversions Part 1

Format	Color
Hex	00E27C
RGB	0, 226, 124
RGB Percent	0%, 89%, 49%
CMY	1.0000, 0.1137, 0.5137
CMYK	1.00, 0.00, 0.45, 0.11
HSL	153°, 100%, 44%
HSV	153°, 100%, 89%
XYZ	30.8344, 55.8479, 28.2234
YIQ	146.7980, -101.9540, -79.6340

Conversions

Conversions Part 2

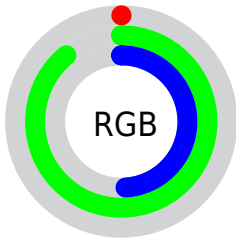
Format	Color
RYB	0, 146, 226
Decimal	57980
CIELab	79.53, -68.20, 37.18
CIELCh	80, 77.673, 151.400
Yxy	55.8479, 0.2683, 0.4860
Android (android.graphics.Color)	4278248060 (0xFF00E27C)
YUV	146.7980, -11.2394, -128.7418
Hunter-Lab	74.7315, -57.1305, 29.9203

Details

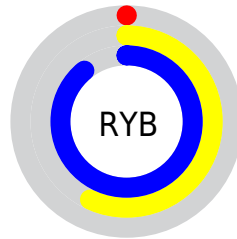
The XYZ color **30.8344, 55.8479, 28.2234** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **33.7643, 17.1292, 14.1005**, and the grayscale version is **27.7271, 29.1711, 31.7673**.

A 20% lighter version of the original color is **49.9802, 77.9225, 54.5258**, and **15.3906, 28.8570, 11.0621** is the 20% darker color. If you saturate the color by 10%, you get **30.8353, 55.8499, 28.2228**, and if you desaturate by 10%, it is **31.8592, 56.2993, 31.8165**.

Distribution



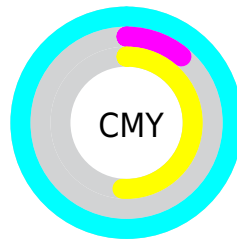
- Red (0%)
- Green (89%)
- Blue (49%)



- Red (0%)
- Yellow (57%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8344, 55.8479, 28.2234 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 30.8344, 55.8479, 28.2234 by changing the saturation by 10% instead.


 30.8344, 55.8479,
28.2234


 30.8344, 55.8479,
28.2234


297.6152,
409.1180, 307.4783


 20.6240, 40.0810,
18.2536


 60.3569, 98.7822,
57.8683


 12.9603, 27.6017,
10.9609


 80.3996, 126.7183,
78.3805


 7.4780, 18.0256,
5.9267


 104.4506,
159.4796, 103.2439

 3.8118, 10.9684,
2.7325

 132.8750,
197.4505, 132.8771

 1.5962, 6.0456,
0.9597

 166.0384,
241.0155, 167.6986

 0.3899, 2.8728,
0.0000

204.3059,

 0.0000, 1.0657,

290.5587, 208.1270

0.0000

248.0431,
346.4648, 254.5807

■ 0.0000, 0.0000,
0.0000

■ 30.8344, 55.8479,
28.2234

■ 30.8344, 55.8479,
28.2234

■ 30.8353, 55.8499,
28.2228

■ 31.8592, 56.2993,
31.8165

■ 33.3540, 56.9835,
35.7888

■ 35.4515, 57.9703,
40.1575

■ 38.2280, 59.2988,
44.9355

■ 41.7477, 61.0018,
50.1348

■ 46.0671, 63.1083,
55.7666

■ 51.2367, 65.6443,
61.8418

■ 57.3032, 68.6334,
68.3706

■ 64.3093, 72.0977,
75.3630

Harmonies

Analogous

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



38.9187, 55.8479, 12.9691



30.8344, 55.8479, 28.2234



28.3582, 55.8479, 62.9348

Triad

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



30.8344, 55.8479, 28.2234



53.8190, 55.8479, 193.7350



83.0723, 55.8479, 26.0971

Complementary

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



30.8344, 55.8479, 28.2234



33.7643, 17.1292, 14.1005

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.



89.1318, 55.8479, 58.7314



30.8344, 55.8479, 28.2234



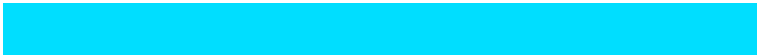
70.3212, 55.8479, 167.7665

Square

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



30.8344, 55.8479, 28.2234



39.9613, 55.8479, 171.9346



84.0654, 55.8479, 111.9885



68.7992, 55.8479, 12.2333

Rectangle

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



30.8344, 55.8479, 28.2234



29.7377, 55.8479, 97.9108



84.0654, 55.8479, 111.9885



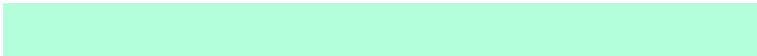
86.2503, 55.8479, 34.5099

Sweetspot

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



30.8358, 55.8501, 28.2247



67.2159, 86.2366, 81.1409



33.0791, 57.4269, 9.3414



13.7415, 18.1412, 16.6275



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.



30.8358, 55.8501, 28.2247



40.4867, 73.4107, 36.8105



38.9218, 55.8786, 80.6885



13.8419, 15.4625, 16.2024



17.6516, 31.8855, 16.4201



1.2685, 2.2281, 1.3750

Inverse Universe

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



33.7643, 17.1292, 14.1005



44.3399, 22.5000, 18.2540



31.4472, 16.3332, 1.4955



13.9631, 13.8029, 15.5760



19.3196, 9.7949, 8.3489



1.3838, 0.6968, 0.8140

Previews

White Background



This preview shows how the XYZ color 30.8344, 55.8479, 28.2234 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 30.8344, 55.8479, 28.2234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

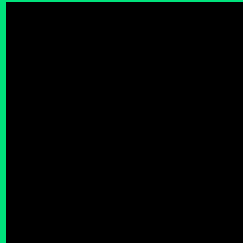
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8344, 55.8479, 28.2234

Background



This preview shows how black text looks on a background with the XYZ color 30.8344, 55.8479, 28.2234.



This preview shows how white text looks on a background with the XYZ color 30.8344, 55.8479,

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

30.8344, 55.8479, 28.2234

Protanopia

50.2273, 54.5186, 23.4987

Deuteranopia

55.6082, 54.5577, 29.7901



Tritanopia

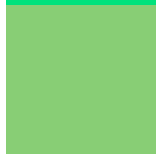
42.1265, 55.7475, 84.1413

Trichromacy



Original Color

30.8344, 55.8479, 28.2234



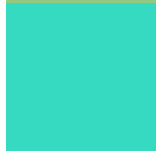
Protanomaly

35.4355, 50.6612, 24.7406



Deuteranomaly

37.1287, 49.6809, 28.7516



Tritanomaly

36.0540, 54.7055, 58.5281

Monochromacy



Original Color

30.8344, 55.8479, 28.2234



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.8016, 35.2944, 29.9314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8344, 55.8479, 28.2234 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, 226, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 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(0, 226, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 124) }
```

Border

The CSS property to change the border of an element to XYZ 30.8344, 55.8479, 28.2234 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, 226, 124) }
```


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

```
.border{ border-color:rgb(0, 226, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 226, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8344, 55.8479, 28.2234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 124) }
```

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

```
.background{ background-color: rgb(0, 226,  
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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