

Converting Colors

XYZ(30.2589, 54.9776, 17.7434)

Have a look what the booklet for
XYZ(30.2589, 54.9776, 17.7434)
contains.

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Color

**XYZ(30.2598, 54.9753,
17.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	3DE056
RGB	61, 224, 86
RGB Percent	24%, 88%, 34%
CMY	0.7608, 0.1216, 0.6627
CMYK	0.73, 0.00, 0.62, 0.12
HSL	129°, 72%, 56%
HSV	129°, 73%, 88%
XYZ	30.2598, 54.9753, 17.8205
YIQ	159.5310, -52.8500, -77.4740

Conversions

Conversions Part 2

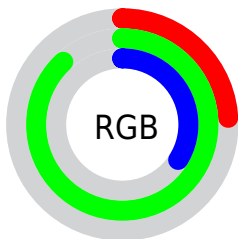
Format	Color
RYB	61, 202, 224
Decimal	4055126
CIELab	79.03, -68.19, 54.44
CIELCh	79, 87.253, 141.396
Yxy	54.9753, 0.2936, 0.5335
Android (android.graphics.Color)	4282245206 (0xFF3DE056)
YUV	159.5310, -36.2508, -86.4117
Hunter-Lab	74.1453, -56.9059, 37.6516

Details

The XYZ color **30.2598, 54.9753, 17.8205** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **42.7194, 23.3090, 56.2807**, and the grayscale version is **33.3777, 35.1159, 38.2413**.

A 20% lighter version of the original color is **49.8537, 78.2387, 37.2850**, and **14.0405, 27.7261, 5.7741** is the 20% darker color. If you saturate the color by 10%, you get **28.4927, 54.1428, 14.2653**, and if you desaturate by 10%, it is **32.8077, 56.1901, 22.4727**.

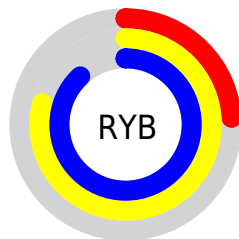
Distribution



Red (24%)

Green (88%)

Blue (34%)



Red (24%)

Yellow (79%)

Blue (88%)

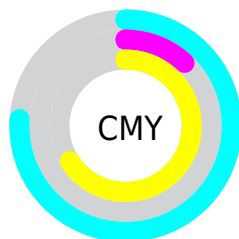


Cyan (73%)

Magenta (0%)

Yellow (62%)

Black (12%)



Cyan (76%)

Magenta (12%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2598, 54.9753, 17.8205 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 30.2598, 54.9753, 17.8205 by changing the saturation by 10% instead.

30.2598, 54.9753,
17.8205

30.2598, 54.9753,
17.8205

295.0017,
405.8183, 252.0594

20.1849, 39.3819,
10.6531

59.4566, 97.5048,
40.5410

12.6386, 27.0570,
5.7228

79.3092, 125.2097,
56.9312

7.2554, 17.6160,
2.6112

103.1518,
157.7205, 77.2327

3.6701, 10.6747,
0.8983

131.3498,
195.4218, 101.8641

1.5172, 5.8485,
0.0000

164.2683,
238.6978, 131.2440

0.3375, 2.7532,
0.0000

202.2730,

0.0000, 1.0043,

287.9329, 165.7908

0.0000

245.7290,
343.5116, 205.9231

■ 0.0000, 0.0000,
0.0000

■ 30.2598, 54.9753,
17.8205

■ 30.2598, 54.9753,
17.8205

■ 28.4927, 54.1428,
14.2653

■ 32.8077, 56.1901,
22.4727

■ 27.4089, 53.6395,
11.7133


■ 36.2109, 57.8191,
28.2981


■ 26.9507, 53.4311,
10.4336


■ 40.5393, 59.8984,
35.3706

■ 45.8548, 62.4585,
43.7568

■ 52.2135, 65.5271,
53.5184

 59.6675, 69.1297,
64.7136

 68.2653, 73.2902,
77.3969

 78.0525, 78.0310,
91.6202

 85.9468, 81.7935,
105.8656

Harmonies

Analogous

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



40.9923, 54.9753, 7.6702



30.2598, 54.9753, 17.8205



25.7014, 54.9753, 46.6617

Triad

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



30.2598, 54.9753, 17.8205



47.4144, 54.9753, 212.9463



89.9178, 54.9753, 31.3091

Complementary

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



30.2598, 54.9753, 17.8205



42.7194, 23.3090, 56.2807

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.



92.7116, 54.9753, 75.3354



30.2598, 54.9753, 17.8205



65.4059, 54.9753, 200.3509

Square

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



30.2598, 54.9753, 17.8205



34.0642, 54.9753, 170.0137



82.9334, 54.9753, 141.5499



75.9788, 54.9753, 11.9114

Rectangle

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



30.2598, 54.9753, 17.8205



25.8779, 54.9753, 80.8140



82.9334, 54.9753, 141.5499



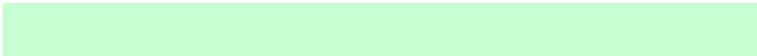
92.2980, 54.9753, 42.8806

Sweetspot

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



30.2611, 54.9776, 17.8217



70.6110, 88.1782, 72.6544



51.1994, 65.8684, 14.4303



14.5792, 18.6156, 14.7385



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.



30.2611, 54.9776, 17.8217



37.4105, 72.2532, 17.3131



35.5519, 57.0939, 45.6828



13.6141, 15.3714, 15.0029



15.7132, 31.1101, 6.2130



1.1162, 2.1672, 0.5729

Inverse Universe

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



42.7194, 23.3090, 56.2807



54.8352, 27.5749, 70.8180



35.6836, 20.4947, 19.2308



14.1999, 13.8976, 16.8230



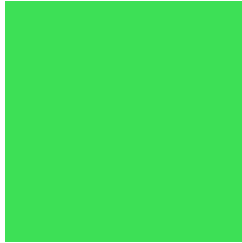
23.3149, 11.3929, 29.3875



1.6408, 0.7996, 2.1673

Previews

White Background



This preview shows how the XYZ color 30.2598, 54.9753, 17.8205 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 30.2598, 54.9753, 17.8205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

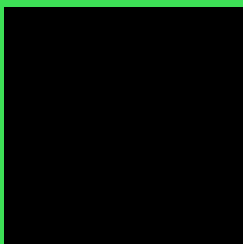
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

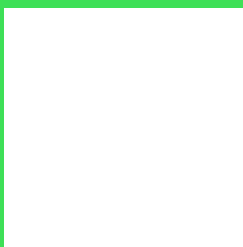
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2598, 54.9753, 17.8205

Background



This preview shows how black text looks on a background with the XYZ color 30.2598, 54.9753, 17.8205.

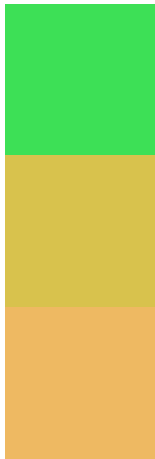


This preview shows how white text looks on a background with the XYZ color 30.2598, 54.9753,

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

30.2598, 54.9753, 17.8205

Protanopia

48.9502, 53.7183, 14.8099

Deuteranopia

54.8135, 53.7569, 19.0424



Tritanopia

42.7374, 54.6425, 80.9676

Trichromacy



Original Color

30.2598, 54.9753, 17.8205



Protanomaly

37.7765, 51.7154, 15.5805



Deuteranomaly

39.8994, 50.6537, 18.2639



Tritanomaly

36.2567, 53.8593, 49.5593

Monochromacy



Original Color

30.2598, 54.9753, 17.8205



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

29.4793, 39.8455, 28.3275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2598, 54.9753, 17.8205 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(61, 224, 86)` looks like.

```
.text, #text, p{  
    color:rgb(61, 224, 86)  
}
```

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(61, 224, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 224, 86) }
```

Border

The CSS property to change the border of an element to XYZ 30.2598, 54.9753, 17.8205 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(61, 224, 86) }
```


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

```
.border{ border-color:rgb(61, 224, 86) }
```

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

Here you see how a box with a 4 pixel rgb(61, 224, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 224, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 224, 86);  
box-shadow:4px 4px 4px 4px rgb(61, 224,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2598, 54.9753, 17.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 224, 86) }
```

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

```
.background{ background-color: rgb(61, 224,  
86) }
```

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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