

Converting Colors

XYZ(30.1695, 53.0434, 13.7749)

Have a look what the booklet for
XYZ(30.1695, 53.0434, 13.7749)
contains.

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Color

**XYZ(30.1526, 53.0348,
13.8018)**

Conversions

Conversions Part 1

Format	Color
Hex	56DB42
RGB	86, 219, 66
RGB Percent	34%, 86%, 26%
CMY	0.6627, 0.1412, 0.7412
CMYK	0.61, 0.00, 0.70, 0.14
HSL	112°, 68%, 56%
HSV	112°, 70%, 86%
XYZ	30.1526, 53.0348, 13.8018
YIQ	161.7910, -30.1550, -75.7790

Conversions

Conversions Part 2

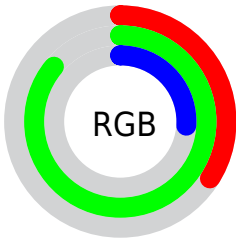
Format	Color
RYB	66, 219, 199
Decimal	5692226
CIELab	77.90, -63.71, 61.42
CIELCh	78, 88.499, 136.049
Yxy	53.0348, 0.3109, 0.5468
Android (android.graphics.Color)	4283882306 (0xFF56DB42)
YUV	161.7910, -47.2250, -66.4687
Hunter-Lab	72.8250, -53.5373, 39.7409

Details

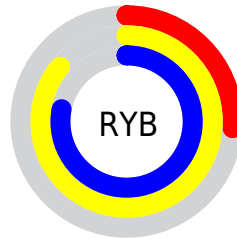
The XYZ color **30.1526, 53.0348, 13.8018** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **38.2910, 21.1552, 69.0859**, and the grayscale version is **34.4702, 36.2653, 39.4929**.

A 20% lighter version of the original color is **51.6673, 79.3147, 30.9985**, and **13.0972, 26.1944, 4.3657** is the 20% darker color. If you saturate the color by 10%, you get **28.1013, 52.0398, 10.9568**, and if you desaturate by 10%, it is **32.9203, 54.3738, 17.9722**.

Distribution



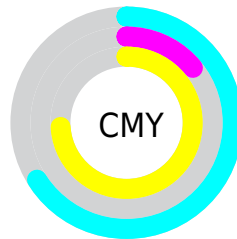
- Red (34%)
- Green (86%)
- Blue (26%)



- Red (26%)
- Yellow (86%)
- Blue (78%)



- Cyan (61%)
- Magenta (0%)
- Yellow (70%)
- Black (14%)





- Cyan (66%)
- Magenta (14%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1526, 53.0348, 13.8018 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 30.1526, 53.0348, 13.8018 by changing the saturation by 10% instead.

 30.1526, 53.0348,
13.8018


 30.1526, 53.0348,
13.8018


294.5122,
398.4186, 227.3797

 20.1031, 37.8306,
7.8458


 59.2884, 94.6556,
33.4490


 12.5787, 25.8512,
3.9101


 79.1054, 121.8409,
47.9772


 7.2141, 16.7124,
1.5761

 102.9089,
153.7887, 66.1999

 3.6439, 10.0296,
0.2737

 131.0644,
190.8833, 88.5357

 1.5027, 5.4186,
0.0000

 163.9371,
233.5093, 115.4030

 0.3277, 2.4949,
0.0000

201.8923,

 0.0000, 0.8741,

282.0509, 147.2204

0.0000

245.2956,
336.8925, 184.4065

■ 0.0000, 0.0000,
0.0000

■ 30.1526, 53.0348,
13.8018

■ 30.1526, 53.0348,
13.8018

■ 28.1013, 52.0398,
10.9568

■ 32.9203, 54.3738,
17.9722

■ 26.6947, 51.3504,
9.2741

■ 36.4598, 56.0776,
23.5990


■ 25.8377, 50.9254,
8.4765

■ 40.8250, 58.1730,
30.8015


■ 25.8286, 50.9209,
8.4674


■ 46.0641, 60.6827,
39.6856

■ 52.2215, 63.6273,
50.3482

 59.3384, 67.0262,
62.8786

 67.4537, 70.8977,
77.3602

 76.6040, 75.2589,
93.8716

 84.6226, 79.1452,
105.4242

Harmonies

Analogous

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



41.8077, 53.0348, 6.1747



30.1526, 53.0348, 13.8018



24.6445, 53.0348, 37.7907

Triad

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



30.1526, 53.0348, 13.8018



42.8485, 53.0348, 207.0406



89.3327, 53.0348, 35.3219

Complementary

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



30.1526, 53.0348, 13.8018



38.2910, 21.1552, 69.0859

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.



89.7924, 53.0348, 83.7195



30.1526, 53.0348, 13.8018



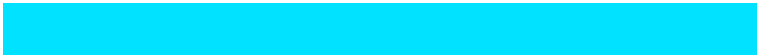
60.1136, 53.0348, 204.9454

Square

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



30.1526, 53.0348, 13.8018



30.7645, 53.0348, 156.2791



78.1588, 53.0348, 151.5657



77.0176, 53.0348, 12.8789

Rectangle

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



30.1526, 53.0348, 13.8018



24.1567, 53.0348, 68.3115



78.1588, 53.0348, 151.5657



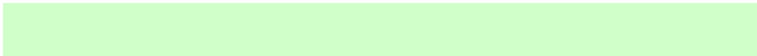
90.9602, 53.0348, 48.3301

Sweetspot

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



30.1539, 53.0370, 13.8030



72.4942, 89.2332, 68.9392



50.5307, 56.1191, 13.3239



14.9806, 18.8433, 13.8236



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.



30.1539, 53.0370, 13.8030



38.5963, 72.9363, 14.1235



31.0991, 53.2314, 27.0820



13.0439, 14.6874, 13.8730



15.3660, 30.2190, 5.0230



1.0482, 1.9849, 0.3279

Inverse Universe

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



38.2910, 21.1552, 69.0859



50.5170, 25.1242, 96.7947



37.7655, 21.5987, 36.7840



13.4383, 13.1841, 16.4886



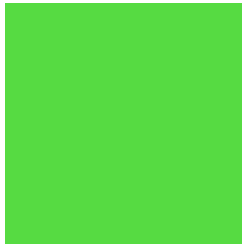
20.2958, 9.5871, 40.5192



1.3624, 0.6456, 2.6273

Previews

White Background



This preview shows how the XYZ color 30.1526, 53.0348, 13.8018 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 30.1526, 53.0348, 13.8018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

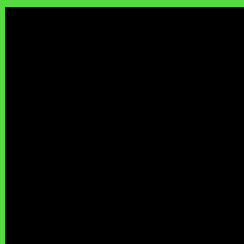
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1526, 53.0348, 13.8018

Background



This preview shows how black text looks on a background with the XYZ color 30.1526, 53.0348, 13.8018.

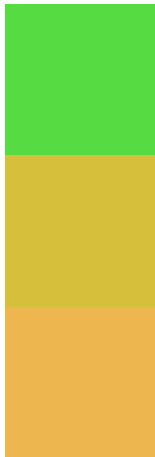


This preview shows how white text looks on a background with the XYZ color 30.1526, 53.0348,

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

30.1526, 53.0348, 13.8018

Protanopia

47.1518, 51.8735, 11.6651

Deuteranopia

53.0643, 52.0249, 14.6422



Tritanopia

42.6282, 52.8762, 76.3660

Trichromacy



Original Color

30.1526, 53.0348, 13.8018



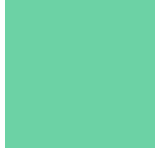
Protanomaly

37.6925, 50.3366, 12.2868



Deuteranomaly

40.0425, 49.4697, 13.9167



Tritanomaly

36.0225, 51.9979, 43.7353

Monochromacy



Original Color

30.1526, 53.0348, 13.8018



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

30.5958, 40.4676, 26.2771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1526, 53.0348, 13.8018 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(86, 219, 66)` looks like.

```
.text, #text, p{  
    color:rgb(86, 219, 66)  
}
```

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(86, 219, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 219, 66) }
```

Border

The CSS property to change the border of an element to XYZ 30.1526, 53.0348, 13.8018 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(86, 219, 66) }
```


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

```
.border{ border-color:rgb(86, 219, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 219, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 219, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 219, 66);  
box-shadow:4px 4px 4px 4px rgb(86, 219,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1526, 53.0348, 13.8018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 219, 66) }
```

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

```
.background{ background-color: rgb(86, 219,  
66) }
```

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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