

Converting Colors

YUV(54.4930, -17.9910,
-16.2184)

Have a look what the booklet for
YUV(54.4930, -17.9910, -16.2184)
contains.

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Color

**YUV(54.4930, -17.9910,
-16.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	244712
RGB	36, 71, 18
RGB Percent	14%, 28%, 7%
CMY	0.8588, 0.7216, 0.9294
CMYK	0.49, 0.00, 0.75, 0.72
HSL	100°, 60%, 17%
HSV	100°, 75%, 28%
XYZ	3.0900, 4.9252, 1.3601
YIQ	54.4930, -3.8470, -23.9030

Conversions

Conversions Part 2

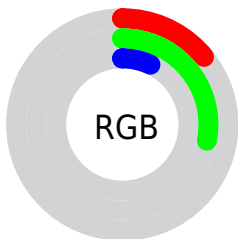
Format	Color
RYB	18, 71, 53
Decimal	2377490
CIELab	26.52, -23.70, 26.91
CIELCh	27, 35.856, 131.374
Yxy	4.9252, 0.3296, 0.5253
Android (android.graphics.Color)	4280567570 (0xFF244712)
YUV	54.4930, -17.9910, -16.2184
Hunter-Lab	22.1928, -13.9844, 11.9014

Details

The YUV color **54.4930, -17.9910, -16.2184** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **34.5070, 17.9910, 16.2184**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8520, -19.1540, -16.5332**, and **17.0230, -8.3923, -14.9292** is the 20% darker color. If you saturate the color by 10%, you get **52.2000, -20.3116, -18.5924**, and if you desaturate by 10%, it is **56.7860, -15.6705, -13.8443**.

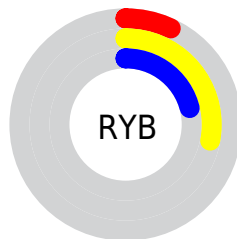
Distribution



Red (14%)

Green (28%)

Blue (7%)



Red (7%)

Yellow (28%)

Blue (21%)

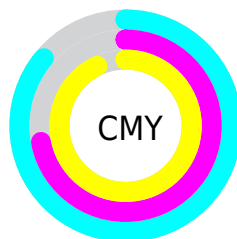


Cyan (49%)

Magenta (0%)

Yellow (75%)

Black (72%)



Cyan (86%)

Magenta (72%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.4930, -17.9910, -16.2184 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 YUV color 54.4930, -17.9910, -16.2184 by changing the saturation by 10% instead.

■ 54.4930, -17.9910,
-16.2184

■ 54.4930, -17.9910,
-16.2184

■ 254.3160, -2.6208,
0.5999

■ 32.3620, -15.9545,
-16.1035

■ 102.8520,
-19.1540, -16.5332

■ 17.0230, -8.3923,
-14.9292

■ 128.2110,
-20.3170, -16.8480

■ 0.0000, 0.0000,
0.0000

■ 154.0970,
-20.7538, -16.7481

■ 181.5700,
-21.4800, -17.1629

■ 209.4560,
-21.9168, -17.0629

■ 236.7550,

-22.0642, -16.4481

■ 248.6180,
-14.1087, -1.4190

■ 54.4930, -17.9910,
-16.2184

■ 54.4930, -17.9910,
-16.2184

■ 52.2000, -20.3116,
-18.5924

■ 56.7860, -15.6705,
-13.8443

■ 50.2060, -22.7796,
-20.3517

■ 58.7800, -13.2025,
-12.0851

■ 48.8530, -24.0845,
-21.7961

■ 61.0730, -10.8820,
-9.7110

■ 63.3660, -8.5614,
-7.3370

■ 65.4740, -5.6567,
-5.6777

■ 67.7670, -3.3361,
-3.3037

■ 70.0600, -1.0156,
-0.9296

■ 72.3530, 1.3050,
1.4444

■ 74.3470, 3.7729,
3.2037

Harmonies

Analogous

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



58.1880, -28.6867, 7.7281



54.4930, -17.9910, -16.2184



48.4540, -2.1958, -42.4942

Triad

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



54.4930, -17.9910, -16.2184



54.0860, 29.5376, -47.4334



60.6620, -3.7774, 45.0234

Complementary

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



54.4930, -17.9910, -16.2184



34.5070, 17.9910, 16.2184

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.



62.9240, 8.9115, 35.1467



54.4930, -17.9910, -16.2184



56.0110, 30.0676, -30.7046

Square

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



54.4930, -17.9910, -16.2184



54.6100, 21.3913, -47.8930



64.8160, 19.3177, 10.6854



60.1270, -15.8386, 40.2306

Rectangle

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



54.4930, -17.9910, -16.2184



51.2070, 5.8139, -44.9085



64.8160, 19.3177, 10.6854



60.9160, 1.0274, 43.9237

Sweetspot

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



54.4930, -17.9910, -16.2184



85.5340, -6.6723, -6.6073



53.8050, -17.6519, 15.0800



42.2400, -4.0623, -3.7185



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.4930, -17.9910, -16.2184



66.0930, -28.1468, -25.5146



50.0230, -11.8433, -28.0842



34.6470, -1.3050, -1.4444



68.2790, -33.6615, -30.0627



156.2720, -77.0421, -69.5215

Inverse Universe

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



34.5070, 17.9910, 16.2184



34.9070, 28.1468, 25.5146



38.9770, 11.8433, 28.0842



33.0540, 1.4524, 0.8296



31.0200, 33.5141, 30.6775



70.7280, 77.0421, 69.5215

Previews

White Background



This preview shows how the YUV color 54.4930, -17.9910, -16.2184 looks on a white background.

Color Contrast Check

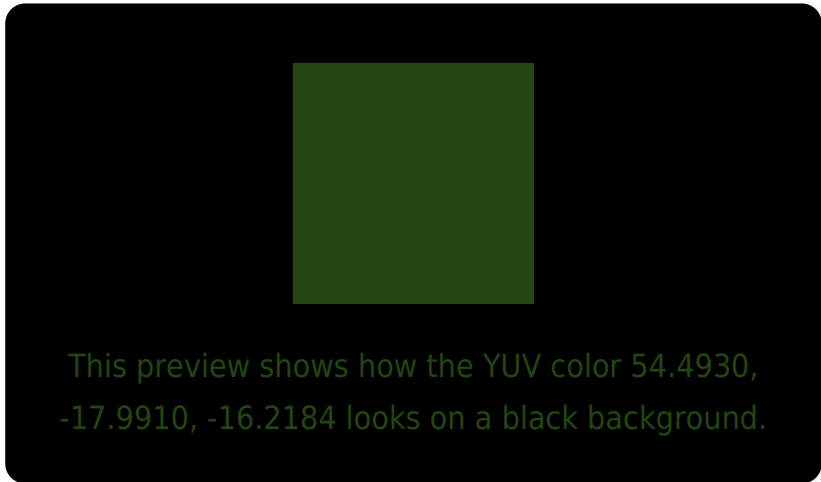
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

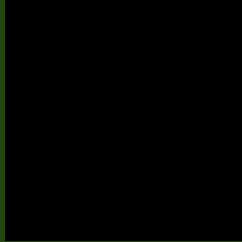
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.4930, -17.9910, -16.2184 Background



This preview shows how black text looks on a background with the YUV color 54.4930, -17.9910, -16.2184.



This preview shows how white text looks on a background with the YUV color 54.4930, -17.9910,

-16.2184.

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

54.4930, -17.9910, -16.2184

Protanopia

59.7350, -21.5614, 9.0024

Deuteranopia

61.1640, -18.8149, 14.7652



Tritanopia

60.4050, 5.7163, -13.5102

Trichromacy



Original Color

54.4930, -17.9910, -16.2184

Protanomaly

58.0220, -20.2238, -0.0193

Deuteranomaly

58.7990, -18.6349, 3.6843

Tritanomaly

58.4020, -3.1562, -14.3846

Monochromacy



Original Color

54.4930, -17.9910, -16.2184

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.9470, -6.3829, -6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.4930, -17.9910, -16.2184 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(36, 71, 18)` looks like.

```
.text, #text, p{  
    color:rgb(36, 71, 18)  
}
```

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(36, 71, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 71, 18) }
```

Border

The CSS property to change the border of an element to YUV 54.4930, -17.9910, -16.2184 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(36, 71, 18) }
```


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

```
.border{ border-color:rgb(36, 71, 18) }
```

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

Here you see how a box with a 4 pixel rgb(36, 71, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 71, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 71, 18);  
box-shadow:4px 4px 4px 4px rgb(36, 71, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.4930, -17.9910, -16.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 71, 18) }
```

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

```
.background{ background-color: rgb(36, 71,  
18) }
```

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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