

Converting Colors

YUV(53.4180, -17.4611, 0.5104)

Have a look what the booklet for
YUV(53.4180, -17.4611, 0.5104)
contains.

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Color

**YUV(53.4180, -17.4611,
0.5104)**

Conversions

Conversions Part 1

Format	Color
Hex	363C12
RGB	54, 60, 18
RGB Percent	21%, 24%, 7%
CMY	0.7882, 0.7647, 0.9294
CMYK	0.10, 0.00, 0.70, 0.76
HSL	69°, 54%, 15%
HSV	69°, 70%, 24%
XYZ	3.2464, 4.0597, 1.1848
YIQ	53.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

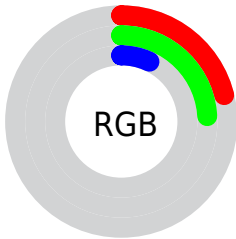
Format	Color
R_{YB}	18, 60, 24
Decimal	3554322
CIE Lab	23.87, -9.62, 24.42
CIE LCh	24, 26.244, 111.496
Yxy	4.0597, 0.3823, 0.4781
Android (android.graphics.Color)	4281744402 (0xFF363C12)
YUV	53.4180, -17.4611, 0.5104
Hunter-Lab	20.1486, -6.5000, 10.6177

Details

The YUV color **53.4180, -17.4611, 0.5104** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.5820, 17.4611, -0.5104**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3750, -18.9189, 1.4251**, and **11.1530, -5.4984, -9.7812** is the 20% darker color. If you saturate the color by 10%, you get **52.4350, -19.9345, 0.4955**, and if you desaturate by 10%, it is **54.4010, -14.9877, 0.5253**.

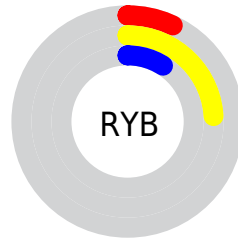
Distribution



Red (21%)

Green (24%)

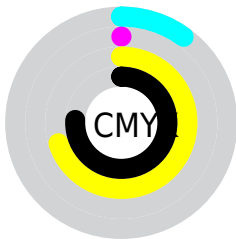
Blue (7%)



Red (7%)

Yellow (24%)

Blue (9%)

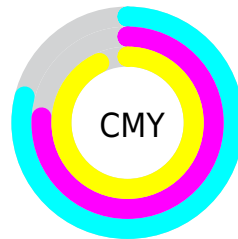


Cyan (10%)

Magenta (0%)

Yellow (70%)

Black (76%)



Cyan (79%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.4180, -17.4611, 0.5104 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 53.4180, -17.4611, 0.5104 by changing the saturation by 10% instead.

■ 53.4180, -17.4611,
0.5104

■ 53.4180, -17.4611,
0.5104

■ 254.0880, -3.4944,
0.7998

■ 32.1730, -15.8613,
0.7253

■ 100.3750,
-18.9189, 1.4251

■ 11.1530, -5.4984,
-9.7812

■ 125.5600,
-19.5031, 2.1399

■ 0.0000, 0.0000,
0.0000


■ 152.0330,
-20.2293, 1.7251


■ 178.2180,
-20.8135, 2.4398


■ 206.1040,
-21.2503, 2.5398


■ 233.9900,


-21.6871, 2.6398


 250.7820,
-16.1615, 3.6992


 53.4180, -17.4611,
0.5104


 53.4180, -17.4611,
0.5104


 52.4350, -19.9345,
0.4955


 54.4010, -14.9877,
0.5253


 51.4520, -22.4078,
0.4806

 55.3840, -12.5143,
0.5402

 50.4690, -24.8812,
0.4657

 56.3670, -10.0409,
0.5551

 57.0510, -7.4201,
-0.0447

 58.0340, -4.9468,
-0.0298

■ 59.0170, -2.4734,
-0.0149

■ 60.0000, 0.0000,
0.0000

■ 60.9830, 2.4734,
0.0149

■ 61.9660, 4.9468,
0.0298

Harmonies

Analogous

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



55.3490, -19.3991, 15.4799



53.4180, -17.4611, 0.5104



50.0720, -9.4025, -17.6031

Triad

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



53.4180, -17.4611, 0.5104



48.0730, 19.1910, -42.1600



57.5720, 2.6760, 28.4394

Complementary

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



53.4180, -17.4611, 0.5104



24.5820, 17.4611, -0.5104

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.



58.6610, 11.0131, 14.3293



53.4180, -17.4611, 0.5104



46.7510, 24.2798, -41.0006

Square

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



53.4180, -17.4611, 0.5104



46.8360, 11.9129, -41.0752



56.6520, 17.9196, -7.5878



56.1890, -6.5022, 32.2832

Rectangle

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



53.4180, -17.4611, 0.5104



44.6550, -0.3229, -36.5314



56.6520, 17.9196, -7.5878



57.7610, 6.0338, 24.7656

Sweetspot

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



53.4180, -17.4611, 0.5104



76.4640, -7.1308, 0.4701



34.0800, -7.9274, 22.7318



39.2620, -4.0732, -0.2298



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



53.4180, -17.4611, 0.5104



68.7850, -27.5020, 1.0656



47.1390, -14.3655, -12.3999



30.3590, -1.1630, -0.3148



79.3970, -39.1427, 1.4058



187.1240, -92.2521, 2.5223

Inverse Universe

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



24.5820, 17.4611, -0.5104



23.2150, 27.5020, -1.0656



30.8610, 14.3655, 12.3999



28.3420, 1.3104, -0.2999



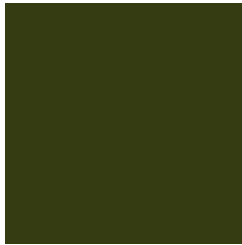
14.6030, 39.1427, -1.4058



34.8760, 92.2521, -2.5223

Previews

White Background



This preview shows how the YUV color 53.4180, -17.4611, 0.5104 looks on a white background.

Color Contrast Check

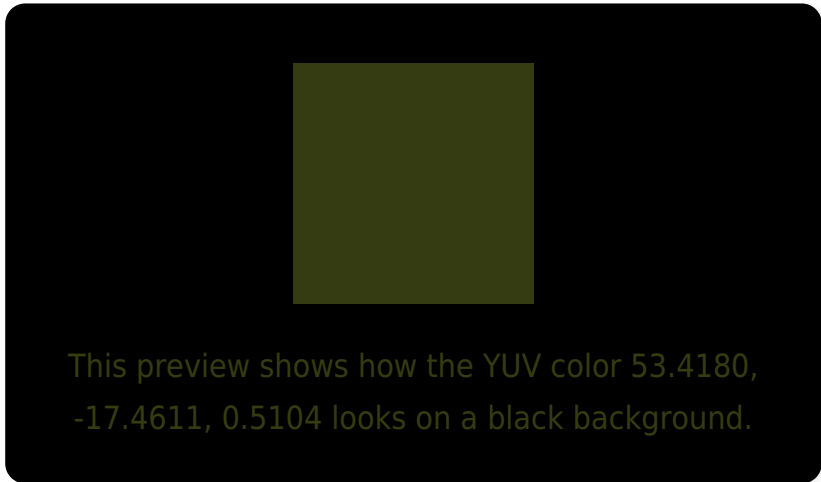
Large Text (above 18pt) WCAG AA ✓ Pass

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

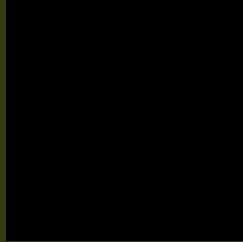
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.4180, -17.4611, 0.5104

Background



This preview shows how black text looks on a background with the YUV color 53.4180, -17.4611, 0.5104.



This preview shows how white text looks on a background with the YUV color 53.4180, -17.4611,

0.5104.

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

53.4180, -17.4611, 0.5104

Protanopia

54.5330, -18.5038, 8.3026

Deuteranopia

55.2070, -17.3571, 13.8505



Tritanopia

57.0540, 1.4524, 0.8296

Trichromacy



Original Color

53.4180, -17.4611, 0.5104

Protanomaly

53.9240, -18.2035, 5.3287

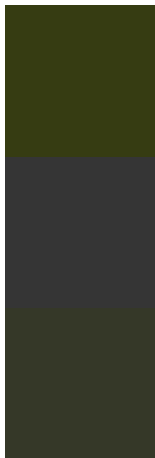
Deuteranomaly

54.4730, -17.4882, 9.2322

Tritanomaly

55.6320, -5.2416, 1.1997

Monochromacy



Original Color

53.4180, -17.4611, 0.5104

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.2790, -6.5465, -0.2447

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.4180, -17.4611, 0.5104 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(54, 60, 18)` looks like.

```
.text, #text, p{  
    color:rgb(54, 60, 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(54, 60, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 60, 18) }
```

Border

The CSS property to change the border of an element to YUV 53.4180, -17.4611, 0.5104 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(54, 60, 18) }
```


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

```
.border{ border-color:rgb(54, 60, 18) }
```

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

Here you see how a box with a 4 pixel rgb(54, 60, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 60, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 60, 18);  
box-shadow:4px 4px 4px 4px rgb(54, 60, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.4180, -17.4611, 0.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 60, 18) }
```

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

```
.background{ background-color: rgb(54, 60,  
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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