

Converting Colors

YUV(53.8070, -14.2019,
-18.2477)

Have a look what the booklet for
YUV(53.8070, -14.2019, -18.2477)
contains.

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Color

**YUV(53.8070, -14.2019,
-18.2477)**

Conversions

Conversions Part 1

Format	Color
Hex	214619
RGB	33, 70, 25
RGB Percent	13%, 27%, 10%
CMY	0.8706, 0.7255, 0.9020
CMYK	0.53, 0.00, 0.64, 0.73
HSL	109°, 47%, 19%
HSV	109°, 64%, 27%
XYZ	2.9928, 4.7738, 1.6834
YIQ	53.8070, -7.6070, -21.8390

Conversions

Conversions Part 2

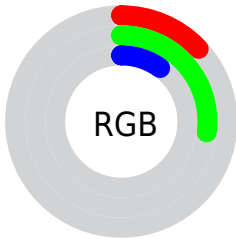
Format	Color
RYB	25, 70, 62
Decimal	2180633
CIELab	26.08, -23.49, 22.73
CIElCh	26, 32.688, 135.947
Yxy	4.7738, 0.3167, 0.5052
Android (android.graphics.Color)	4280370713 (0xFF214619)
YUV	53.8070, -14.2019, -18.2477
Hunter-Lab	21.8491, -13.7856, 10.7263

Details

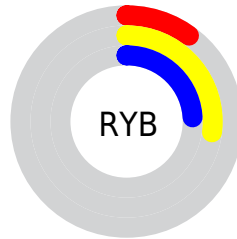
The YUV color **53.8070, -14.2019, -18.2477** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **41.1930, 14.2019, 18.2477**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.0520, -15.8016, -18.4626**, and **17.0230, -8.3923, -14.9292** is the 20% darker color. If you saturate the color by 10%, you get **51.2150, -16.3750, -21.2366**, and if you desaturate by 10%, it is **56.3990, -12.0287, -15.2589**.

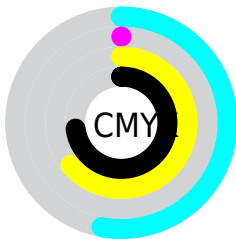
Distribution



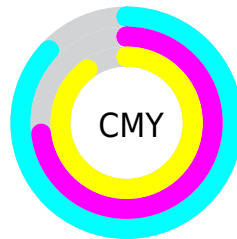
- Red (13%)
- Green (27%)
- Blue (10%)



- Red (10%)
- Yellow (27%)
- Blue (24%)



- Cyan (53%)
- Magenta (0%)
- Yellow (64%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.8070, -14.2019, -18.2477 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 53.8070, -14.2019, -18.2477 by changing the saturation by 10% instead.

■ 53.8070, -14.2019,
-18.2477

■ 53.8070, -14.2019,
-18.2477

255.0000, 0.0000,
0.0000

■ 30.5790, -15.0754,
-18.0478

■ 102.0520,
-15.8016, -18.4626

■ 17.0230, -8.3923,
-14.9292

■ 127.5250,
-16.5278, -18.8774

■ 0.0000, 0.0000,
0.0000

■ 153.4110,
-16.9646, -18.7774

■ 180.5850,
-17.5434, -19.8070

■ 208.3570,
-18.4170, -19.6071

■ 236.3570,

-18.4170, -19.6071

■ 247.9210,
-10.3141, -5.1927

■ 53.8070, -14.2019,
-18.2477

■ 53.8070, -14.2019,
-18.2477

■ 51.2150, -16.3750,
-21.2366

■ 56.3990, -12.0287,
-15.2589

■ 48.6230, -18.5481,
-24.2254

■ 58.9910, -9.8556,
-12.2701

■ 46.3300, -20.8687,
-26.5994

■ 61.2840, -7.5350,
-9.8961

■ 44.6780, -22.0263,
-28.6586

■ 63.8760, -5.3619,
-6.9073

■ 66.4680, -3.1887,
-3.9184

■ 69.0600, -1.0156,
-0.9296

■ 71.3530, 1.3050,
1.4444

■ 73.9450, 3.4781,
4.4332

■ 76.5370, 5.6513,
7.4221

Harmonies

Analogous

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



57.6050, -24.4553, 3.8544



53.8070, -14.2019, -18.2477



48.4370, 0.2776, -42.4792

Triad

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



53.8070, -14.2019, -18.2477



52.4560, 28.3692, -46.0039



60.5860, -5.2189, 40.7051

Complementary

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



53.8070, -14.2019, -18.2477



41.1930, 14.2019, 18.2477

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.



62.1150, 5.8593, 34.1021



53.8070, -14.2019, -18.2477



59.4210, 24.9354, -17.9092

Square

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



53.8070, -14.2019, -18.2477



53.3220, 21.5333, -46.7634



63.7410, 16.3967, 14.2591



59.9800, -16.2591, 35.0975

Rectangle

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



53.8070, -14.2019, -18.2477



50.9620, 7.4137, -44.6937



63.7410, 16.3967, 14.2591



60.6120, -1.2877, 39.8053

Sweetspot

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



53.8070, -14.2019, -18.2477



85.4630, -5.6513, -7.4221



60.1740, -17.3408, 8.6174



42.0550, -3.4781, -4.4332



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.



53.8070, -14.2019, -18.2477



66.5640, -22.4631, -28.5586



53.0110, -6.9074, -24.5656



34.6470, -1.3050, -1.4444



63.4950, -31.3030, -39.8991



145.2090, -71.5880, -92.2683

Inverse Universe

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



41.1930, 14.2019, 18.2477



46.4360, 22.4631, 28.5586



41.9890, 6.9074, 24.5656



33.3530, 1.3050, 1.4444



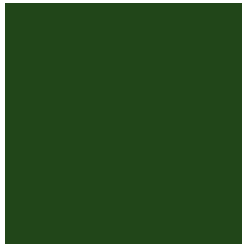
35.8040, 31.1556, 40.5139



81.7910, 71.5880, 92.2683

Previews

White Background



This preview shows how the YUV color 53.8070, -14.2019, -18.2477 looks on a white background.

Color Contrast Check

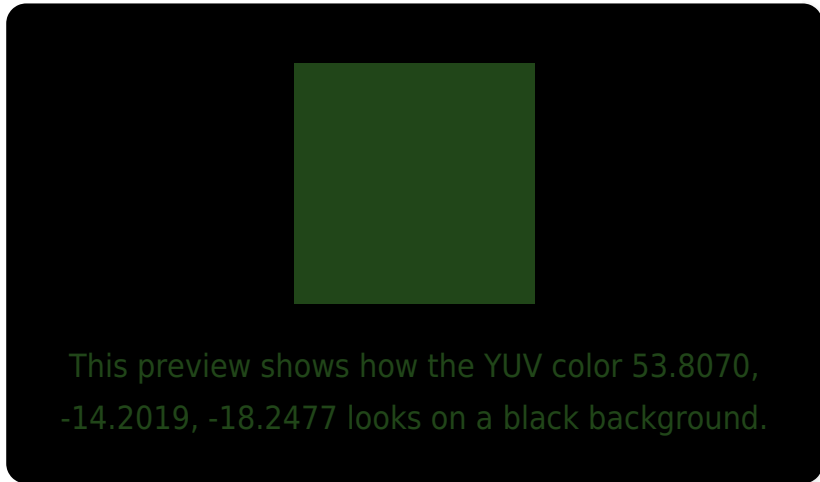
Large Text (above 18pt) WCAG AA ✓ Pass

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

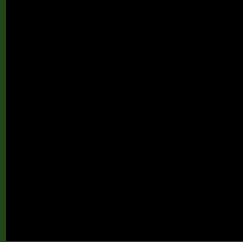
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.8070, -14.2019, -18.2477

Background



This preview shows how black text looks on a background with the YUV color 53.8070, -14.2019, -18.2477.



This preview shows how white text looks on a background with the YUV color 53.8070, -14.2019, -18.2477.

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

53.8070, -14.2019, -18.2477

Protanopia

59.6470, -18.0670, 8.2026

Deuteranopia

60.6630, -15.6099, 13.4505



Tritanopia

59.3940, 5.7218, -15.2545

Trichromacy



Original Color

53.8070, -14.2019, -18.2477

Protanomaly

57.6350, -16.5821, -1.4339

Deuteranomaly

58.1130, -14.8457, 1.6549

Tritanomaly

57.1460, -1.5510, -15.9140

Monochromacy



Original Color

53.8070, -14.2019, -18.2477

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8760, -5.3619, -6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.8070, -14.2019, -18.2477 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(33, 70, 25)` looks like.

```
.text, #text, p{  
    color:rgb(33, 70, 25)  
}
```

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(33, 70, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 70, 25) }
```

Border

The CSS property to change the border of an element to YUV 53.8070, -14.2019, -18.2477 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(33, 70, 25) }
```


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

```
.border{ border-color:rgb(33, 70, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 70, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 70, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 70, 25);  
box-shadow:4px 4px 4px 4px rgb(33, 70, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.8070, -14.2019, -18.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 70, 25) }
```

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

```
.background{ background-color: rgb(33, 70,  
25) }
```

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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