

Converting Colors

YUV(54.6850, -5.7607, -19.0177)

Have a look what the booklet for
YUV(54.6850, -5.7607, -19.0177)
contains.

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Color

**YUV(54.6850, -5.7607,
-19.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	21442B
RGB	33, 68, 43
RGB Percent	13%, 27%, 17%
CMY	0.8706, 0.7333, 0.8314
CMYK	0.51, 0.00, 0.37, 0.73
HSL	137°, 35%, 20%
HSV	137°, 51%, 27%
XYZ	3.1304, 4.6320, 3.0146
YIQ	54.6850, -12.8350, -15.1950

Conversions

Conversions Part 2

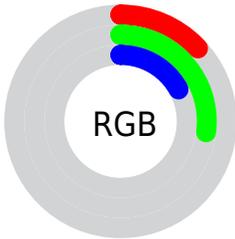
Format	Color
RYB	33, 60, 68
Decimal	2180139
CIELab	25.66, -19.30, 11.32
CIELCh	26, 22.372, 149.596
Yxy	4.6320, 0.2905, 0.4298
Android (android.graphics.Color)	4280370219 (0xFF21442B)
YUV	54.6850, -5.7607, -19.0177
Hunter-Lab	21.5221, -11.7010, 6.7608

Details

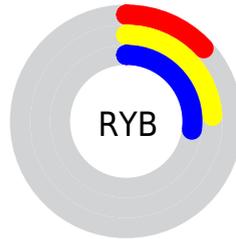
The YUV color **54.6850, -5.7607, -19.0177** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **46.3150, 5.7607, 19.0177**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.1580, -6.4869, -19.4326**, and **15.2620, -7.5242, -13.3848** is the 20% darker color. If you saturate the color by 10%, you get **52.0220, -6.9128, -22.8213**, and if you desaturate by 10%, it is **57.3480, -4.6086, -15.2142**.

Distribution



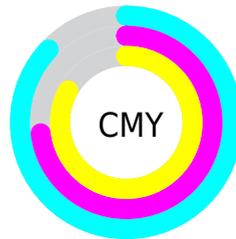
- Red (13%)
- Green (27%)
- Blue (17%)



- Red (13%)
- Yellow (24%)
- Blue (27%)



- Cyan (51%)
- Magenta (0%)
- Yellow (37%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6850, -5.7607, -19.0177 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 54.6850, -5.7607, -19.0177 by changing the saturation by 10% instead.

■ 54.6850, -5.7607,
-19.0177

■ 54.6850, -5.7607,
-19.0177

255.0000, 0.0000,
0.0000

■ 31.9130, -4.8871,
-19.2177

■ 102.1580, -6.4869,
-19.4326

■ 15.2620, -7.5242,
-13.3848

■ 127.6310, -7.2131,
-19.8474

■ 0.0000, 0.0000,
0.0000

■ 153.9190, -7.3551,
-20.9770

■ 180.8050, -7.7919,
-20.8770

■ 208.3920, -8.0813,
-21.3918

■ 236.9790, -8.3706,

-21.9066

■ 249.8310, -0.4097,
-8.6218

■ 54.6850, -5.7607,
-19.0177

■ 54.6850, -5.7607,
-19.0177

■ 52.0220, -6.9128,
-22.8213

■ 57.3480, -4.6086,
-15.2142

■ 49.3590, -8.0650,
-26.6248

■ 60.0110, -3.4564,
-11.4106

■ 46.9950, -9.3645,
-29.8136

■ 62.3750, -2.1569,
-8.2219

■ 44.4460, -10.0799,
-33.7171

■ 64.9240, -1.4415,
-4.3183

■ 42.0820, -11.3794,
-36.9059

■ 67.5870, -0.2894,
-0.5148

■ 70.2500, 0.8628,
3.2887

■ 72.9130, 2.0149,
7.0923

■ 75.2770, 3.3144,
10.2811

■ 77.9400, 4.4666,
14.0846

Harmonies

Analogous

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



57.7210, -13.6665, -3.2633



54.6850, -5.7607, -19.0177



47.3430, 6.2399, -41.5198

Triad

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



54.6850, -5.7607, -19.0177



57.3790, 18.5472, -22.2574



60.8140, -7.7963, 27.3501

Complementary

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



54.6850, -5.7607, -19.0177



46.3150, 5.7607, 19.0177

Split Complementary

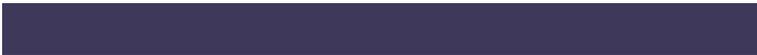
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.1650, -0.0813, 26.1653



54.6850, -5.7607, -19.0177



61.6700, 13.9667, 0.2894

Square

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



54.6850, -5.7607, -19.0177



49.5890, 19.9226, -43.4896



62.7600, 7.5133, 16.8735



60.7610, -14.1792, 21.2576

Rectangle

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



54.6850, -5.7607, -19.0177



49.2980, 11.1921, -43.2343



62.7600, 7.5133, 16.8735



61.0960, -5.4703, 27.9798

Sweetspot

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



54.6850, -5.7607, -19.0177



84.0870, -2.0149, -7.0923



61.0200, -13.8139, -2.6485



42.9240, -1.4415, -4.3183



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.



54.6850, -5.7607, -19.0177



68.1090, -8.9277, -29.9136



56.6230, 1.6649, -20.7174



31.8750, -0.4314, -1.6444



60.1310, -15.8406, -52.7349



138.7840, -36.8685, -121.7136

Inverse Universe

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



46.3150, 5.7607, 19.0177



54.8910, 8.9277, 29.9136



44.3770, -1.6649, 20.7174



31.1250, 0.4314, 1.6444



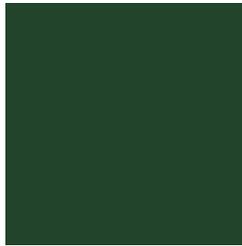
36.8690, 15.8406, 52.7349



85.2160, 36.8685, 121.7136

Previews

White Background



This preview shows how the YUV color 54.6850, -5.7607, -19.0177 looks on a white background.

Color Contrast Check

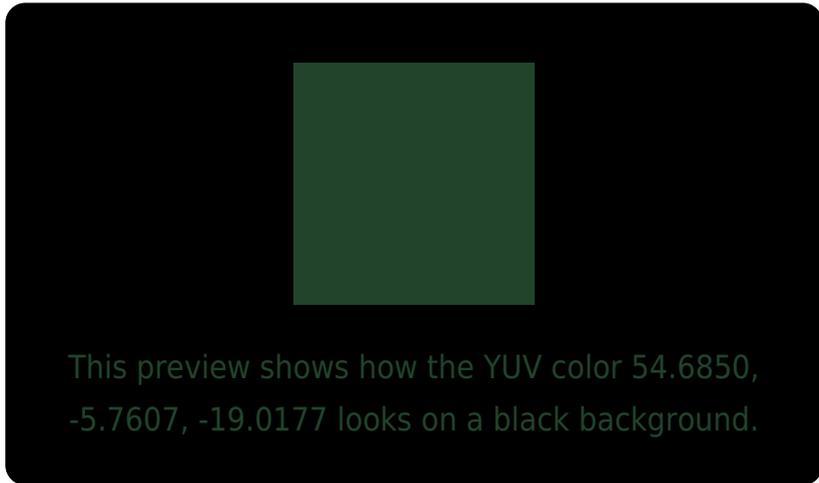
Large Text (above 18pt) WCAG AA ✓ Pass

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

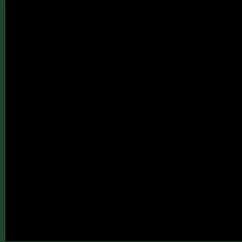
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6850, -5.7607, -19.0177

Background



This preview shows how black text looks on a background with the YUV color 54.6850, -5.7607, -19.0177.



This preview shows how white text looks on a background with the YUV color 54.6850, -5.7607,

-19.0177.

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

54.6850, -5.7607, -19.0177

Protanopia

60.1010, -9.9098, 5.1734

Deuteranopia

60.7040, -7.7421, 9.9066



Tritanopia

58.0950, 5.8692, -15.8693

Trichromacy



Original Color

54.6850, -5.7607, -19.0177

Protanomaly

58.3880, -8.5723, -3.8483

Deuteranomaly

58.7520, -7.2727, -0.6595

Tritanomaly

56.6450, 1.6540, -17.2287

Monochromacy



Original Color

54.6850, -5.7607, -19.0177

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0870, -2.0149, -7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6850, -5.7607, -19.0177 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, 68, 43)` looks like.

```
.text, #text, p{  
    color:rgb(33, 68, 43)  
}
```

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, 68, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 68, 43) }
```

Border

The CSS property to change the border of an element to YUV 54.6850, -5.7607, -19.0177 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, 68, 43) }
```

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

```
.border{ border-color:rgb(33, 68, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 68, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 68, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 68, 43);  
box-shadow:4px 4px 4px 4px rgb(33, 68, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.6850, -5.7607, -19.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 68, 43) }
```

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

```
.background{ background-color: rgb(33, 68,  
43) }
```

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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