

Converting Colors

YUV(67.1420, -5.4930, -11.5255)

Have a look what the booklet for
YUV(67.1420, -5.4930, -11.5255)
contains.

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Color

**YUV(67.1420, -5.4930,
-11.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	364C38
RGB	54, 76, 56
RGB Percent	21%, 30%, 22%
CMY	0.7882, 0.7020, 0.7804
CMYK	0.29, 0.00, 0.26, 0.70
HSL	125°, 17%, 25%
HSV	125°, 29%, 30%
XYZ	4.8196, 6.2387, 4.6915
YIQ	67.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

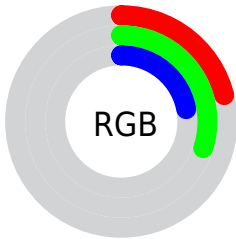
Format	Color
RYB	54, 74, 76
Decimal	3558456
CIELab	30.01, -13.24, 9.21
CIELCh	30, 16.126, 145.186
Yxy	6.2387, 0.3060, 0.3961
Android (android.graphics.Color)	4281748536 (0xFF364C38)
YUV	67.1420, -5.4930, -11.5255
Hunter-Lab	24.9773, -9.2674, 6.3476

Details

The YUV color **67.1420, -5.4930, -11.5255** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.8580, 5.4930, 11.5255**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3160, -6.0718, -12.5551**, and **23.8540, -5.3510, -10.3960** is the 20% darker color. If you saturate the color by 10%, you get **63.9520, -7.3713, -15.7439**, and if you desaturate by 10%, it is **70.3320, -3.6147, -7.3072**.

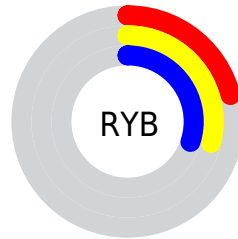
Distribution



 Red (21%)

 Green (30%)

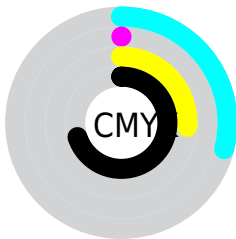
 Blue (22%)



 Red (21%)

 Yellow (29%)

 Blue (30%)

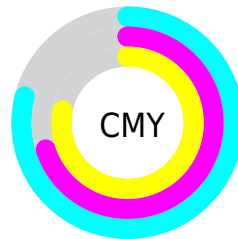


 Cyan (29%)

 Magenta (0%)

 Yellow (26%)

 Black (70%)



 Cyan (79%)

 Magenta (70%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1420, -5.4930, -11.5255 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 67.1420, -5.4930, -11.5255 by changing the saturation by 10% instead.

67.1420, -5.4930,
-11.5255

67.1420, -5.4930,
-11.5255

255.0000, 0.0000,
0.0000

44.5550, -5.2036,
-11.0107

115.3160, -6.0718,
-12.5551

23.8540, -5.3510,
-10.3960

141.2020, -6.5086,
-12.4552

0.0000, 0.0000,
0.0000

167.7890, -6.7980,
-12.9700

194.4900, -6.6506,
-13.5847

222.3760, -7.0874,
-13.4848

246.9680, -4.9142,

-10.4959

■ 67.1420, -5.4930,
-11.5255

■ 67.1420, -5.4930,
-11.5255

■ 63.9520, -7.3713,
-15.7439

■ 70.3320, -3.6147,
-7.3072

■ 61.0610, -9.3971,
-19.3475

■ 73.2230, -1.5889,
-3.7036

■ 57.8710, -11.2754,
-23.5659

■ 76.4130, 0.2894,
0.5148

■ 54.9800, -13.3011,
-27.1695

■ 79.3040, 2.3151,
4.1184

■ 51.7900, -15.1795,
-31.3878

■ 82.4940, 4.1935,
8.3368

■ 48.7140, -16.6210,
-35.7062

■ 85.5700, 5.6350,
12.6551

■ 45.8230, -18.6467,
-39.3098

■ 88.4610, 7.6607,
16.2587

■ 45.4100, -18.9361,
-39.8246

■ 91.6510, 9.5391,
20.4771

■ 94.5420, 11.5648,
24.0807

Harmonies

Analogous

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



68.6550, -10.1829, -0.5744



67.1420, -5.4930, -11.5255



64.9110, 1.5229, -21.8469

Triad

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



67.1420, -5.4930, -11.5255



68.3430, 13.1419, -15.2098



72.0520, -5.4486, 21.0024

Complementary

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



67.1420, -5.4930, -11.5255



62.8580, 5.4930, 11.5255

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.



72.2350, 0.3771, 19.0879



67.1420, -5.4930, -11.5255



71.4480, 10.6251, -1.2699

Square

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



67.1420, -5.4930, -11.5255



65.4510, 12.5957, -26.7055



72.6730, 6.0772, 10.8108



71.1780, -9.9478, 17.3839

Rectangle

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



67.1420, -5.4930, -11.5255



64.4310, 6.1965, -27.5650



72.6730, 6.0772, 10.8108



71.9210, -3.4121, 21.1173

Sweetspot

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



67.1420, -5.4930, -11.5255



95.3970, -2.1677, -4.7332



72.8940, -9.3147, 0.9700



48.6360, -1.2995, -3.1888



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



67.1420, -5.4930, -11.5255



85.3000, -8.5289, -17.8031



68.3960, -0.6882, -12.6253



36.4620, -0.7208, -2.1592



60.9000, -25.5867, -53.4093



137.4040, -57.3872, -120.5033

Inverse Universe

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



62.8580, 5.4930, 11.5255



78.7000, 8.5289, 17.8031



61.6040, 0.6882, 12.6253



35.6520, 1.1576, 2.0592



41.1000, 25.5867, 53.4093



92.5960, 57.3872, 120.5033

Previews

White Background



This preview shows how the YUV color 67.1420, -5.4930, -11.5255 looks on a white background.

Color Contrast Check

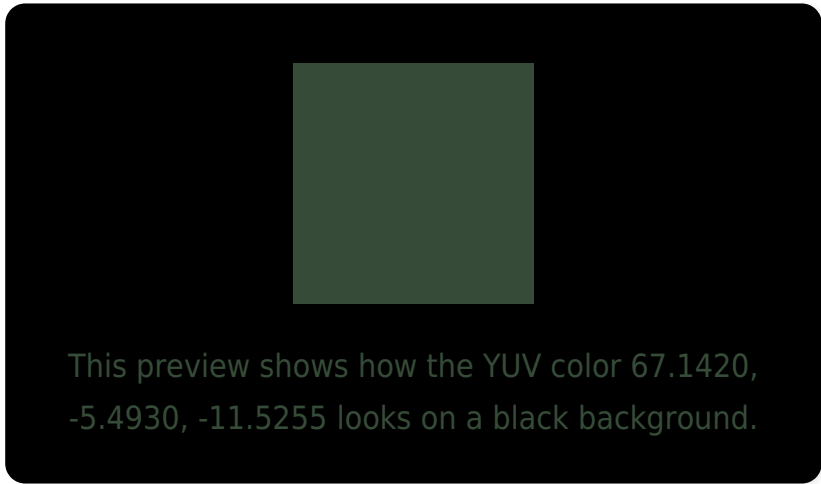
Large Text (above 18pt) WCAG AA ✓ Pass

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

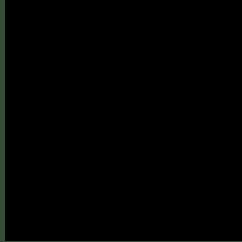
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1420, -5.4930, -11.5255

Background



This preview shows how black text looks on a background with the YUV color 67.1420, -5.4930, -11.5255.



This preview shows how white text looks on a background with the YUV color 67.1420, -5.4930,

-11.5255.

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

67.1420, -5.4930, -11.5255

Protanopia

69.5570, -8.1626, 4.7735

Deuteranopia

71.0460, -6.4317, 9.6067



Tritanopia

69.1990, 4.8319, -9.8215

Trichromacy



Original Color

67.1420, -5.4930, -11.5255

Protanomaly

68.4530, -7.1253, -1.2743

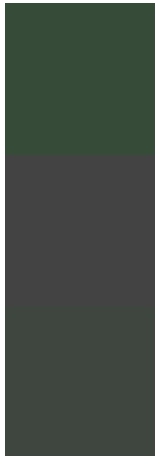
Deuteranomaly

69.7030, -6.2626, 2.0145

Tritanomaly

68.5750, 1.1955, -10.1513

Monochromacy



Original Color

67.1420, -5.4930, -11.5255

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8100, -1.8783, -4.2184

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1420, -5.4930, -11.5255 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, 76, 56)` looks like.

```
.text, #text, p{  
    color:rgb(54, 76, 56)  
}
```

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, 76, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 76, 56) }
```

Border

The CSS property to change the border of an element to YUV 67.1420, -5.4930, -11.5255 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, 76, 56) }
```


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

```
.border{ border-color:rgb(54, 76, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 76, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 76, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 76, 56);  
box-shadow:4px 4px 4px 4px rgb(54, 76, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.1420, -5.4930, -11.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 76, 56) }
```

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

```
.background{ background-color: rgb(54, 76,  
56) }
```

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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