

Converting Colors

YUV(66.6050, -11.1443,
-18.9476)

Have a look what the booklet for
YUV(66.6050, -11.1443, -18.9476)
contains.

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Color

**YUV(66.6050, -11.1443,
-18.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	2D522C
RGB	45, 82, 44
RGB Percent	18%, 32%, 17%
CMY	0.8235, 0.6784, 0.8275
CMYK	0.45, 0.00, 0.46, 0.68
HSL	118°, 30%, 25%
HSV	118°, 46%, 32%
XYZ	4.5541, 6.7743, 3.4504
YIQ	66.6050, -9.8540, -19.6620

Conversions

Conversions Part 2

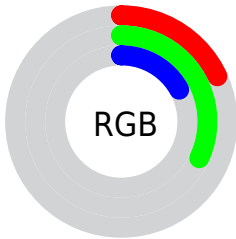
Format	Color
R_{YB}	44, 82, 81
Decimal	2970156
CIE _{Lab}	31.29, -22.22, 18.24
CIE _{LCh}	31, 28.749, 140.620
Y _{xy}	6.7743, 0.3082, 0.4584
Android (android.graphics.Color)	4281160236 (0xFF2D522C)
YUV	66.6050, -11.1443, -18.9476
Hunter-Lab	26.0275, -14.3156, 10.3593

Details

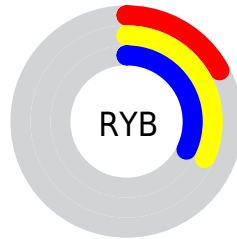
The YUV color **66.6050, -11.1443, -18.9476** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **59.3950, 11.1443, 18.9476**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5510, -12.5966, -19.7772**, and **22.3170, -11.0023, -17.8180** is the 20% darker color. If you saturate the color by 10%, you get **63.3010, -13.4594, -23.0660**, and if you desaturate by 10%, it is **69.9090, -8.8291, -14.8292**.

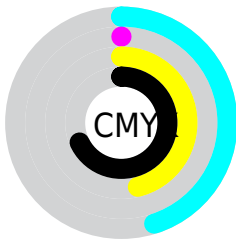
Distribution



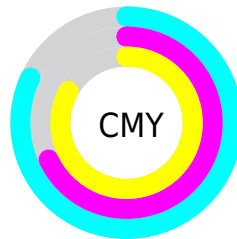
- Red (18%)
- Green (32%)
- Blue (17%)



- Red (17%)
- Yellow (32%)
- Blue (32%)



- Cyan (45%)
- Magenta (0%)
- Yellow (46%)
- Black (68%)



- Cyan (82%)
- Magenta (68%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.6050, -11.1443, -18.9476 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 66.6050, -11.1443, -18.9476 by changing the saturation by 10% instead.

■ 66.6050, -11.1443,
-18.9476

■ 66.6050, -11.1443,
-18.9476

255.0000, 0.0000,
0.0000

■ 43.8330, -10.2707,
-19.1475

■ 115.5510,
-12.5966, -19.7772

■ 22.3170, -11.0023,
-17.8180

■ 141.1380,
-12.8860, -20.2920

■ 5.2830, -2.6045,
-4.6332

■ 168.0240,
-13.3228, -20.1920

■ 0.0000, 0.0000,
0.0000

■ 195.1980,
-13.9016, -21.2216

■ 223.0840,
-14.3384, -21.1217

■ 242.8660,

-10.2869, -13.9145

254.5440, -1.7472,
0.3999

■ 66.6050, -11.1443,
-18.9476

■ 66.6050, -11.1443,
-18.9476

■ 63.3010, -13.4594,
-23.0660

■ 69.9090, -8.8291,
-14.8292

■ 59.9970, -15.7745,
-27.1844

■ 73.2130, -6.5140,
-10.7108

■ 56.5790, -18.5264,
-31.2028

■ 76.6310, -3.7621,
-6.6924

■ 53.2750, -20.8416,
-35.3212

■ 79.9350, -1.4470,
-2.5740

■ 49.9710, -23.1567,
-39.4396

■ 83.2390, 0.8682,
1.5444

■ 48.7320, -24.0249,
-40.9840

■ 86.5430, 3.1833,
5.6628

■ 89.8470, 5.4984,
9.7812

■ 93.2650, 8.2504,
13.7996

■ 96.5690, 10.5655,
17.9180

Harmonies

Analogous

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



69.8480, -19.6451, 1.0103



66.6050, -11.1443, -18.9476



57.4190, 4.2304, -50.3565

Triad

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



66.6050, -11.1443, -18.9476



59.5370, 28.8223, -51.3369



73.6950, -7.2446, 37.1015

Complementary

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



66.6050, -11.1443, -18.9476



59.3950, 11.1443, 18.9476

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.



75.1210, 3.3913, 32.3429



66.6050, -11.1443, -18.9476



73.4500, 20.9771, -8.2877

Square

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



66.6050, -11.1443, -18.9476



61.0330, 23.1547, -53.5259



76.1280, 12.7549, 15.6737



73.5450, -16.5377, 31.0940

Rectangle

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



66.6050, -11.1443, -18.9476



59.1290, 10.7824, -51.8561



76.1280, 12.7549, 15.6737



73.9060, -3.8977, 36.9164

Sweetspot

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



66.6050, -11.1443, -18.9476



101.1040, -4.4883, -7.1072



77.0810, -16.3089, 4.3140



50.1690, -3.0413, -4.5332



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



66.6050, -11.1443, -18.9476



82.8180, -17.6583, -29.6584



68.3580, -3.1345, -21.3620



39.3480, -1.1576, -2.0592



62.5320, -30.8283, -52.2096



137.9780, -68.0232, -115.7447

Inverse Universe

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



59.3950, 11.1443, 18.9476



71.4810, 17.5109, 30.2732



57.6420, 3.1345, 21.3620



38.6520, 1.1576, 2.0592



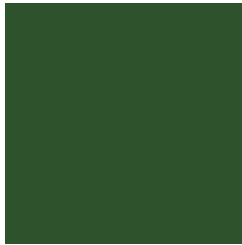
42.4680, 30.8283, 52.2096



94.0220, 68.0232, 115.7447

Previews

White Background



This preview shows how the YUV color 66.6050, -11.1443, -18.9476 looks on a white background.

Color Contrast Check

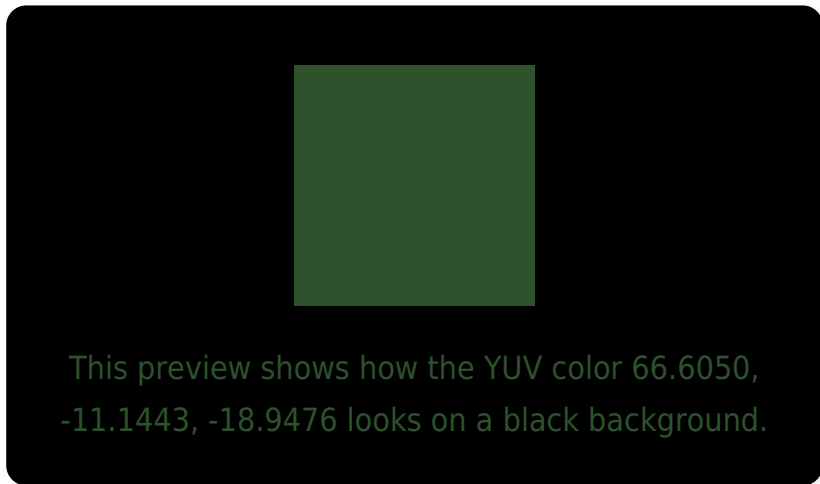
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.6050, -11.1443, -18.9476 Background



This preview shows how black text looks on a background with the YUV color 66.6050, -11.1443, -18.9476.



This preview shows how white text looks on a background with the YUV color 66.6050, -11.1443, -18.9476.

-18.9476.

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

66.6050, -11.1443, -18.9476

Protanopia

71.7440, -15.1568, 8.1175

Deuteranopia

72.7600, -12.6997, 13.3655



Tritanopia

71.2090, 6.3060, -15.9693

Trichromacy



Original Color

66.6050, -11.1443, -18.9476

Protanomaly

69.7320, -13.6719, -1.5190

Deuteranomaly

70.2100, -11.9355, 1.5698

Tritanomaly

69.1890, -0.0932, -16.8288

Monochromacy



Original Color

66.6050, -11.1443, -18.9476

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6310, -3.7621, -6.6924

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.6050, -11.1443, -18.9476 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(45, 82, 44)` looks like.

```
.text, #text, p{  
    color:rgb(45, 82, 44)  
}
```

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(45, 82, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 82, 44) }
```

Border

The CSS property to change the border of an element to YUV 66.6050, -11.1443, -18.9476 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(45, 82, 44) }
```


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

```
.border{ border-color:rgb(45, 82, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 82, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 82, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 82, 44);  
box-shadow:4px 4px 4px 4px rgb(45, 82, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.6050, -11.1443, -18.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 82, 44) }
```

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

```
.background{ background-color: rgb(45, 82,  
44) }
```

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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