

Converting Colors

YUV(117.3480, -21.3706,
-5.5672)

Have a look what the booklet for
YUV(117.3480, -21.3706, -5.5672)
contains.

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Color

**YUV(117.3480, -21.3706,
-5.5672)**

Conversions

Conversions Part 1

Format	Color
Hex	6F814A
RGB	111, 129, 74
RGB Percent	44%, 51%, 29%
CMY	0.5647, 0.4941, 0.7098
CMYK	0.14, 0.00, 0.43, 0.49
HSL	80°, 27%, 40%
HSV	80°, 43%, 51%
XYZ	15.6418, 19.5744, 9.4324
YIQ	117.3480, 6.9270, -20.9210

Conversions

Conversions Part 2

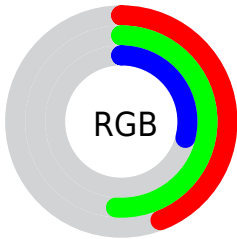
Format	Color
RYB	74, 129, 92
Decimal	7307594
CIELab	51.35, -16.31, 27.63
CIELCh	51, 32.086, 120.555
Yxy	19.5744, 0.3503, 0.4384
Android (android.graphics.Color)	4285497674 (0xFF6F814A)
YUV	117.3480, -21.3706, -5.5672
Hunter-Lab	44.2430, -14.3177, 18.3298

Details

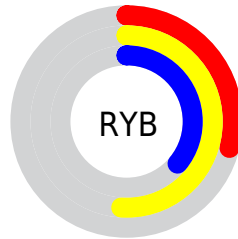
The YUV color $[117.3480, -21.3706, -5.5672]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[85.6520, 21.3706, 5.5672]$, and the grayscale version is $[118.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[170.0060, -22.6810, -5.2673]$, and $[68.6900, -20.0602, -5.8671]$ is the 20% darker color. If you saturate the color by 10%, you get $[114.6700, -26.4593, -6.7266]$, and if you desaturate by 10%, it is $[120.0260, -16.2818, -4.4078]$.

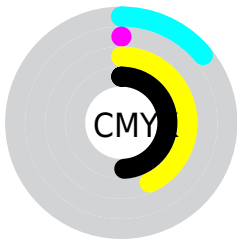
Distribution



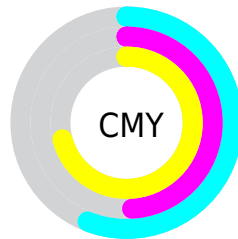
- Red (44%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (43%)
- Black (49%)



- Cyan (56%)
- Magenta (49%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3480, -21.3706, -5.5672 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 117.3480, -21.3706, -5.5672 by changing the saturation by 10% instead.

■ 117.3480,
-21.3706, -5.5672

■ 117.3480,
-21.3706, -5.5672

■ 255.0000, 0.0000,
0.0000

■ 92.5760, -20.4970,
-5.7672

■ 170.0060,
-22.6810, -5.2673

■ 68.6900, -20.0602,
-5.8671

■ 197.4790,
-23.4071, -5.6821

■ 45.5760, -20.4970,
-5.7672

■ 225.3650,
-23.8439, -5.5821

■ 25.6280, -12.6346,
-7.5668

■ 247.0930,
-21.2448, 0.7954

■ 5.2830, -2.6045,
-4.6332

■ 252.4920, -9.6096,
2.1995

■ 0.0000, 0.0000,
0.0000

■ 117.3480,
-21.3706, -5.5672

■ 117.3480,
-21.3706, -5.5672

■ 114.6700,
-26.4593, -6.7266

■ 120.0260,
-16.2818, -4.4078

■ 111.9920,
-31.5481, -7.8860

■ 122.7040,
-11.1931, -3.2484

■ 109.0150,
-36.4894, -9.6602

■ 125.6810, -6.2517,
-1.4742

■ 106.3370,
-41.5781, -10.8195

■ 128.3590, -1.1630,
-0.3148

■ 103.7730,
-46.2301, -12.0789

■ 131.0370, 3.9258,
0.8446

■ 101.7360,
-50.1558, -12.9235

■ 133.6010, 8.5777,
2.1039

■ 136.5780, 13.5190,
3.8781

■ 139.2560, 18.6078,

5.0375

■ 141.9340, 23.6965,
6.1969

Harmonies

Analogous

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



120.2260, -26.2404, 16.4648



117.3480, -21.3706, -5.5672



112.6960, -9.2171, -30.4284

Triad

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



117.3480, -21.3706, -5.5672



102.1320, 32.9659, -73.7838



125.0360, -1.0037, 42.0644

Complementary

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



117.3480, -21.3706, -5.5672



85.6520, 21.3706, 5.5672

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.



125.6780, 11.9907, 27.4694



117.3480, -21.3706, -5.5672



117.7720, 29.1994, -32.2490

Square

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



117.3480, -21.3706, -5.5672



96.8180, 25.7257, -84.9094



124.5590, 22.4024, 1.2638



123.4310, -13.5235, 44.3490

Rectangle

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



117.3480, -21.3706, -5.5672



107.8490, 2.0464, -49.8566



124.5590, 22.4024, 1.2638



125.1650, 3.3697, 39.3203

Sweetspot

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



117.3480, -21.3706, -5.5672



163.3990, -8.5777, -2.1039



100.4240, -13.0270, 25.0612



81.3220, -5.0887, -1.1594



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



117.3480, -21.3706, -5.5672



149.8240, -33.4372, -8.6156



109.2750, -17.3906, -22.1662



62.6040, -2.7628, -0.5297



100.8500, -49.7190, -13.0234



0.0000, 0.0000, 0.0000

Inverse Universe

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



85.6520, 21.3706, 5.5672



100.4750, 33.2898, 9.2304



93.7250, 17.3906, 22.1662



58.3960, 2.7628, 0.5297



27.1500, 49.7190, 13.0235



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 117.3480, -21.3706, -5.5672 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.3480, -21.3706, -5.5672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

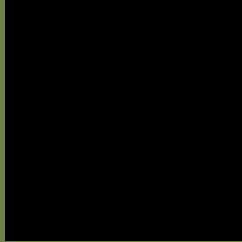
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.3480, -21.3706, -5.5672

Background



This preview shows how black text looks on a background with the YUV color 117.3480, -21.3706, -5.5672.



This preview shows how white text looks on a background with the YUV color 117.3480, -21.3706, -5.5672.

-5.5672.

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

117.3480, -21.3706, -5.5672

Protanopia

119.7740, -24.0456, 12.4762

Deuteranopia

121.4100, -21.8941, 22.4424



Tritanopia

122.2430, 4.8102, -2.8441

Trichromacy



Original Color

117.3480, -21.3706, -5.5672

Protanomaly

119.2570, -23.2977, 5.9136

Deuteranomaly

119.7570, -21.5722, 12.4911

Tritanomaly

120.7130, -4.7885, -4.1333

Monochromacy



Original Color

117.3480, -21.3706, -5.5672

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9260, -7.8515, -1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3480, -21.3706, -5.5672 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(111, 129, 74)` looks like.

```
.text, #text, p{  
    color:rgb(111, 129, 74)  
}
```

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(111, 129, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 129, 74) }
```

Border

The CSS property to change the border of an element to YUV 117.3480, -21.3706, -5.5672 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(111, 129, 74) }
```


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

```
.border{ border-color:rgb(111, 129, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 129, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 129, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 129, 74);  
box-shadow:4px 4px 4px 4px rgb(111, 129,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 117.3480, -21.3706, -5.5672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 129, 74) }
```

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

```
.background{ background-color: rgb(111,  
129, 74) }
```

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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