

Converting Colors

YUV(116.5330, -25.4058,
-18.0074)

Have a look what the booklet for
YUV(116.5330, -25.4058, -18.0074)
contains.

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Color

**YUV(116.5330, -25.4058,
-18.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	608941
RGB	96, 137, 65
RGB Percent	38%, 54%, 25%
CMY	0.6235, 0.4627, 0.7451
CMYK	0.30, 0.00, 0.53, 0.46
HSL	94°, 36%, 40%
HSV	94°, 53%, 54%
XYZ	14.7237, 20.7598, 8.2320
YIQ	116.5330, -1.3240, -31.0840

Conversions

Conversions Part 2

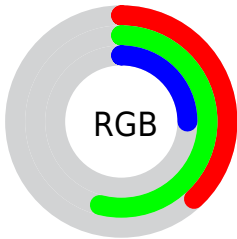
Format	Color
RYB	65, 137, 106
Decimal	6326593
CIELab	52.69, -27.53, 33.85
CIELCh	53, 43.633, 129.114
Yxy	20.7598, 0.3368, 0.4749
Android (android.graphics.Color)	4284516673 (0xFF608941)
YUV	116.5330, -25.4058, -18.0074
Hunter-Lab	45.5629, -22.0527, 21.1818

Details

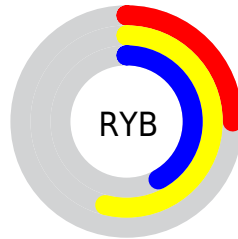
The YUV color **116.5330, -25.4058, -18.0074** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85.4670, 25.4058, 18.0074**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7780, -27.0056, -18.2223**, and **66.7610, -24.5322, -18.2074** is the 20% darker color. If you saturate the color by 10%, you get **112.5450, -30.3417, -21.5260**, and if you desaturate by 10%, it is **120.5210, -20.4699, -14.4889**.

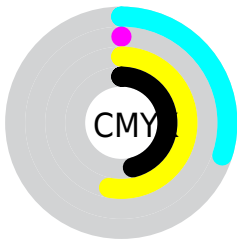
Distribution



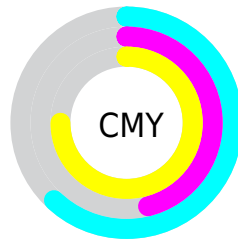
- Red (38%)
- Green (54%)
- Blue (25%)



- Red (25%)
- Yellow (54%)
- Blue (42%)



- Cyan (30%)
- Magenta (0%)
- Yellow (53%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5330, -25.4058, -18.0074 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 116.5330, -25.4058, -18.0074 by changing the saturation by 10% instead.

■ 116.5330,
-25.4058, -18.0074

■ 116.5330,
-25.4058, -18.0074

■ 255.0000, 0.0000,
0.0000

■ 91.0600, -24.6796,
-17.5926

■ 169.7780,
-27.0056, -18.2223

■ 66.7610, -24.5322,
-18.2074

■ 197.2510,
-27.7317, -18.6371

■ 43.2600, -21.3272,
-19.5220

■ 225.1370,
-28.1685, -18.5371

■ 24.0670, -11.8650,
-21.1068

■ 241.2830,
-22.8175, -8.1412

■ 9.9790, -4.9196,
-8.7516

■ 251.3520,
-13.9775, 3.1993

■ 0.0000, 0.0000,
0.0000

■ 254.6580, -1.3104,

0.2999

■ 116.5330,
-25.4058, -18.0074

■ 116.5330,
-25.4058, -18.0074

■ 112.5450,
-30.3417, -21.5260

■ 120.5210,
-20.4699, -14.4889

■ 108.6710,
-34.8408, -25.1445

■ 124.3950,
-15.9707, -10.8704

■ 104.9820,
-39.9241, -28.0482

■ 128.0840,
-10.8874, -7.9667

■ 100.9940,
-44.8600, -31.5667

■ 132.0720, -5.9515,
-4.4481

■ 98.0600, -48.3436,
-34.2556

■ 135.9460, -1.4524,
-0.8296

■ 139.9340, 3.4835,
2.6889

■ 143.9220, 8.4195,
6.2074

■ 147.6110, 13.5028,
9.1112

■ 151.4850, 18.0019,
12.7297

Harmonies

Analogous

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



120.6850, -35.8337, 13.4313



116.5330, -25.4058, -18.0074



105.5780, -3.7360, -61.8969

Triad

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



116.5330, -25.4058, -18.0074



102.6490, 45.5290, -90.0232



126.1200, -4.9892, 60.4078

Complementary

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



116.5330, -25.4058, -18.0074



85.4670, 25.4058, 18.0074

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.



129.0870, 11.7891, 45.5277



116.5330, -25.4058, -18.0074



120.6820, 39.1038, -35.6781

Square

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



116.5330, -25.4058, -18.0074



103.5490, 33.7463, -90.8125



128.8900, 27.1692, 12.3745



125.2170, -22.2920, 56.8147

Rectangle

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



116.5330, -25.4058, -18.0074



98.5500, 12.0539, -86.4283



128.8900, 27.1692, 12.3745



126.8900, 0.5472, 57.9785

Sweetspot

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



116.5330, -25.4058, -18.0074



170.6110, -10.1612, -7.5518



110.5950, -22.4783, 23.1572



84.3710, -6.0989, -3.8334



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



116.5330, -25.4058, -18.0074



146.6830, -39.7767, -28.6630



107.8340, -18.6522, -37.5654



67.0060, -2.4680, -1.7593



95.1140, -46.8912, -33.4260



3.5330, -1.7418, -1.3444

Inverse Universe

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



85.4670, 25.4058, 18.0074



98.0180, 39.9241, 28.0482



94.1660, 18.6522, 37.5654



63.9940, 2.4680, 1.7593



37.8860, 46.8912, 33.4260



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 116.5330, -25.4058, -18.0074 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 116.5330, -25.4058, -18.0074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

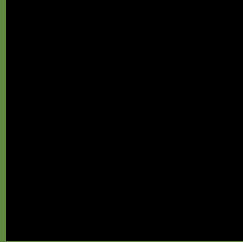
Any Text WCAG AA ✓ Pass

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 116.5330, -25.4058, -18.0074 Background



This preview shows how black text looks on a background with the YUV color 116.5330, -25.4058, -18.0074.



This preview shows how white text looks on a background with the YUV color 116.5330, -25.4058, -18.0074.

-18.0074.

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

116.5330, -25.4058, -18.0074

Protanopia

121.8900, -30.0188, 15.0055

Deuteranopia

123.5800, -26.4149, 25.8013



Tritanopia

123.5620, 7.6109, -14.5249

Trichromacy



Original Color

116.5330, -25.4058, -18.0074

Protanomaly

119.5680, -28.3810, 3.0099

Deuteranomaly

121.1820, -26.2187, 9.4874

Tritanomaly

121.0490, -4.4612, -15.8290

Monochromacy



Original Color

116.5330, -25.4058, -18.0074

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.5510, -9.1456, -6.6222

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5330, -25.4058, -18.0074 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(96, 137, 65)` looks like.

```
.text, #text, p{  
    color:rgb(96, 137, 65)  
}
```

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(96, 137, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 137, 65) }
```

Border

The CSS property to change the border of an element to YUV 116.5330, -25.4058, -18.0074 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(96, 137, 65) }
```


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

```
.border{ border-color:rgb(96, 137, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 137, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 137, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 137, 65);  
box-shadow:4px 4px 4px 4px rgb(96, 137,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 116.5330, -25.4058, -18.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 137, 65) }
```

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

```
.background{ background-color: rgb(96, 137,  
65) }
```

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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