

Converting Colors

YUV(118.3360, -16.4346,
-2.0487)

Have a look what the booklet for
YUV(118.3360, -16.4346, -2.0487)
contains.

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Color

**YUV(118.3360, -16.4346,
-2.0487)**

Conversions

Conversions Part 1

Format	Color
Hex	747E55
RGB	116, 126, 85
RGB Percent	45%, 49%, 33%
CMY	0.5451, 0.5059, 0.6667
CMYK	0.08, 0.00, 0.33, 0.51
HSL	75°, 19%, 41%
HSV	75°, 33%, 49%
XYZ	16.3030, 19.2906, 11.4585
YIQ	118.3360, 7.2010, -14.8710

Conversions

Conversions Part 2

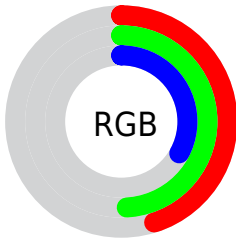
Format	Color
RYB	85, 126, 95
Decimal	7634517
CIELab	51.03, -11.09, 21.14
CIELCh	51, 23.871, 117.694
Yxy	19.2906, 0.3465, 0.4100
Android (android.graphics.Color)	4285824597 (0xFF747E55)
YUV	118.3360, -16.4346, -2.0487
Hunter-Lab	43.9211, -10.6046, 15.2766

Details

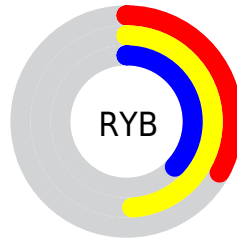
The YUV color $118.3360, -16.4346, -2.0487$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $92.6640, 16.4346, 2.0487$, and the grayscale version is $118.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $170.6950, -17.5976, -2.3635$, and $69.6780, -15.1243, -2.3486$ is the 20% darker color. If you saturate the color by 10%, you get $115.9570, -21.6708, -2.5933$, and if you desaturate by 10%, it is $120.7150, -11.1985, -1.5041$.

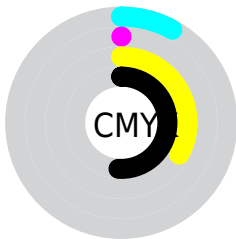
Distribution



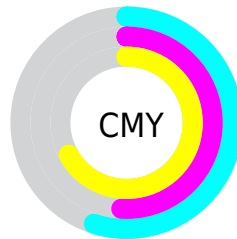
- Red (45%)
- Green (49%)
- Blue (33%)



- Red (33%)
- Yellow (49%)
- Blue (37%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3360, -16.4346, -2.0487 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 118.3360, -16.4346, -2.0487 by changing the saturation by 10% instead.

■ 118.3360,
-16.4346, -2.0487

■ 118.3360,
-16.4346, -2.0487

■ 255.0000, 0.0000,
0.0000

■ 93.4500, -15.9978,
-2.1486

■ 170.6950,
-17.5976, -2.3635

■ 69.6780, -15.1243,
-2.3486

■ 197.8800,
-18.1818, -1.6488

■ 46.9060, -14.2507,
-2.5486

■ 225.8800,
-18.1818, -1.6488

■ 26.5470, -13.0877,
-2.2337

■ 249.9560,
-16.7403, 2.6696

■ 4.1090, -2.0257,
-3.6036

■ 253.8600, -4.3680,
0.9998

■ 0.0000, 0.0000,
0.0000

■ 118.3360,
-16.4346, -2.0487

■ 118.3360,
-16.4346, -2.0487

■ 115.9570,
-21.6708, -2.5933

■ 120.7150,
-11.1985, -1.5041

■ 113.6920,
-26.4702, -3.2379

■ 122.9800, -6.3991,
-0.8595

■ 111.3130,
-31.7063, -3.7825

■ 125.3590, -1.1630,
-0.3148

■ 109.0480,
-36.5057, -4.4271

■ 127.6240, 3.6364,
0.3298

■ 106.6690,
-41.7418, -4.9717

■ 130.0030, 8.8725,
0.8744

■ 104.2900,
-46.9780, -5.5163

■ 132.3820, 14.1087,
1.4190

■ 102.3670,
-50.4669, -6.4609

■ 134.9460, 18.7606,
2.6784

■ 137.3250, 23.9968,

3.2230

■ 139.5900, 28.7961,
3.8676

Harmonies

Analogous

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



120.6370, -19.5410, 14.3504



118.3360, -16.4346, -2.0487



115.1040, -7.9393, -20.2622

Triad

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



118.3360, -16.4346, -2.0487



112.8280, 20.7908, -41.9452



124.1980, -0.0976, 31.3984

Complementary

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



118.3360, -16.4346, -2.0487



92.6640, 16.4346, 2.0487

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.



124.6400, 9.5445, 18.7327



118.3360, -16.4346, -2.0487



118.7640, 21.3153, -23.4720

Square

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



118.3360, -16.4346, -2.0487



109.8890, 14.8447, -48.1377



123.1690, 17.1717, -1.0252



123.6900, -9.7072, 33.5979

Rectangle

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



118.3360, -16.4346, -2.0487



113.2750, -0.6286, -31.8132



123.1690, 17.1717, -1.0252



124.3870, 3.2602, 27.7246

Sweetspot

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



118.3360, -16.4346, -2.0487



159.9800, -6.3991, -0.8595



103.1290, -8.9376, 20.0579



79.9630, -3.9258, -0.8446



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



118.3360, -16.4346, -2.0487



151.3330, -25.3072, -2.9230



112.3560, -13.4865, -14.3442



62.6040, -2.7628, -0.5297



103.8400, -51.1931, -6.8757



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.6640, 16.4346, 2.0487



111.6670, 25.3072, 2.9230



98.6440, 13.4865, 14.3442



58.3960, 2.7628, 0.5297



23.8610, 51.3405, 6.2609



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.3360, -16.4346, -2.0487 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 118.3360, -16.4346, -2.0487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

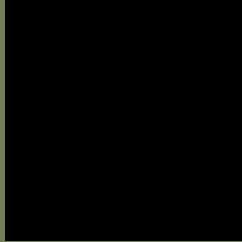
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.3360, -16.4346, -2.0487

Background



This preview shows how black text looks on a background with the YUV color 118.3360, -16.4346, -2.0487.



This preview shows how white text looks on a background with the YUV color 118.3360, -16.4346, -2.0487.

-2.0487.

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

118.3360, -16.4346, -2.0487

Protanopia

119.6580, -18.0724, 9.9469

Deuteranopia

121.0660, -16.7945, 20.1131



Tritanopia

121.7380, 4.0732, 0.2298

Trichromacy



Original Color

118.3360, -16.4346, -2.0487

Protanomaly

119.4510, -17.4773, 5.7435

Deuteranomaly

120.3100, -16.9148, 12.0061

Tritanomaly

120.4900, -3.1996, -0.4297

Monochromacy



Original Color

118.3360, -16.4346, -2.0487

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0940, -5.9623, -0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3360, -16.4346, -2.0487 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(116, 126, 85)` looks like.

```
.text, #text, p{  
    color:rgb(116, 126, 85)  
}
```

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(116, 126, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 126, 85) }
```

Border

The CSS property to change the border of an element to YUV 118.3360, -16.4346, -2.0487 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(116, 126, 85) }
```


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

```
.border{ border-color:rgb(116, 126, 85) }
```

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

Here you see how a box with a 4 pixel rgb(116, 126, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 126, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 126, 85);  
box-shadow:4px 4px 4px 4px rgb(116, 126,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 118.3360, -16.4346, -2.0487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 126, 85) }
```

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

```
.background{ background-color: rgb(116,  
126, 85) }
```

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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