

Converting Colors

YUV(107.6610, -16.1019,
-15.4887)

Have a look what the booklet for
YUV(107.6610, -16.1019, -15.4887)
contains.

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Color

**YUV(107.6610, -16.1019,
-15.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7B4B
RGB	90, 123, 75
RGB Percent	35%, 48%, 29%
CMY	0.6471, 0.5176, 0.7059
CMYK	0.27, 0.00, 0.39, 0.52
HSL	101°, 24%, 39%
HSV	101°, 39%, 48%
XYZ	12.5694, 16.8476, 9.2460
YIQ	107.6610, -4.2600, -21.9240

Conversions

Conversions Part 2

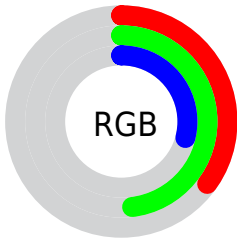
Format	Color
RYB	75, 123, 108
Decimal	5929803
CIELab	48.07, -21.41, 22.55
CIElCh	48, 31.100, 133.515
Yxy	16.8476, 0.3251, 0.4358
Android (android.graphics.Color)	4284119883 (0xFF5A7B4B)
YUV	107.6610, -16.1019, -15.4887
Hunter-Lab	41.0458, -17.1683, 15.3763

Details

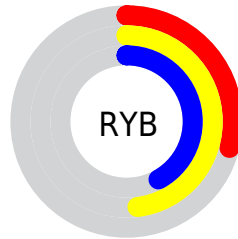
The YUV color **107.6610, -16.1019, -15.4887** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **90.3390, 16.1019, 15.4887**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.6070, -17.5543, -16.3183**, and **59.4160, -14.5021, -15.2738** is the 20% darker color. If you saturate the color by 10%, you get **103.9010, -20.1642, -19.2072**, and if you desaturate by 10%, it is **111.4210, -12.0396, -11.7702**.

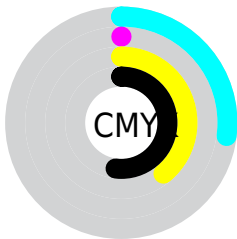
Distribution



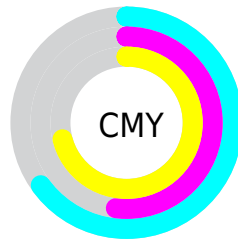
- Red (35%)
- Green (48%)
- Blue (29%)



- Red (29%)
- Yellow (48%)
- Blue (42%)



- Cyan (27%)
- Magenta (0%)
- Yellow (39%)
- Black (52%)



- Cyan (65%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6610, -16.1019, -15.4887 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 107.6610, -16.1019, -15.4887 by changing the saturation by 10% instead.

■ 107.6610,
-16.1019, -15.4887

■ 107.6610,
-16.1019, -15.4887

■ 255.0000, 0.0000,
0.0000

■ 83.1880, -15.3757,
-15.0739

■ 159.6070,
-17.5543, -16.3183

■ 59.4160, -14.5021,
-15.2738

■ 186.4930,
-17.9910, -16.2184

■ 36.4160, -14.5021,
-15.2738

■ 214.0800,
-18.2804, -16.7332

■ 18.1970, -8.9711,
-15.9588

■ 240.0310,
-17.2703, -14.0592

■ 0.0000, 0.0000,
0.0000

■ 251.5950, -9.1673,
0.3552

■ 107.6610,
-16.1019, -15.4887

■ 107.6610,
-16.1019, -15.4887

■ 103.9010,
-20.1642, -19.2072

■ 111.4210,
-12.0396, -11.7702

■ 99.7280, -24.5159,
-23.4405

■ 115.5940, -7.6878,
-7.5369

■ 95.9680, -28.5782,
-27.1589

■ 119.3540, -3.6255,
-3.8185

■ 91.9090, -32.4931,
-31.4922

■ 123.4130, 0.2894,
0.5148

■ 88.0350, -36.9923,
-35.1107

■ 127.2870, 4.7885,
4.1333

■ 83.9760, -40.9072,
-39.4440

■ 131.3460, 8.7034,
8.4666

■ 83.5630, -41.1966,
-39.9588

■ 135.1060, 12.7657,
12.1850

■ 139.1650, 16.6807,

16.5183

■ 143.0390, 21.1798,
20.1368

Harmonies

Analogous

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



110.7410, -24.0293, 7.2431



107.6610, -16.1019, -15.4887



102.1660, -2.0538, -41.3646

Triad

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



107.6610, -16.1019, -15.4887



102.5800, 30.2801, -52.2517



115.6680, -6.2453, 43.2642

Complementary

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



107.6610, -16.1019, -15.4887



90.3390, 16.1019, 15.4887

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.



117.2290, 6.2961, 34.0022



107.6610, -16.1019, -15.4887



113.2470, 25.5142, -16.8796

Square

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



107.6610, -16.1019, -15.4887



90.9480, 28.6196, -79.7614



117.2570, 17.1283, 12.9296



114.9590, -17.7278, 39.5010

Rectangle

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



107.6610, -16.1019, -15.4887



94.6390, 10.5310, -64.5814



117.2570, 17.1283, 12.9296



116.0960, -2.0193, 41.1348

Sweetspot

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



107.6610, -16.1019, -15.4887



154.5340, -6.6723, -6.6073



108.7230, -16.6254, 12.5209



78.2400, -4.0623, -3.7185



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.



107.6610, -16.1019, -15.4887



136.7880, -25.5315, -24.3701



104.2020, -9.9596, -25.6102



59.1200, -2.0312, -1.8592



85.0360, -41.9227, -40.3736



171.5450, -84.5717, -81.1620

Inverse Universe

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



90.3390, 16.1019, 15.4887



109.2120, 25.5315, 24.3701



93.7980, 9.9596, 25.6102



56.8800, 2.0312, 1.8592



39.9640, 41.9227, 40.3736



80.7540, 84.4243, 81.7767

Previews

White Background



This preview shows how the YUV color 107.6610, -16.1019, -15.4887 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 × Fail

Black Background



This preview shows how the YUV color 107.6610, -16.1019, -15.4887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

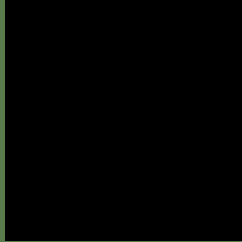
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.6610, -16.1019, -15.4887 Background



This preview shows how black text looks on a background with the YUV color 107.6610, -16.1019, -15.4887.



This preview shows how white text looks on a background with the YUV color 107.6610, -16.1019, -15.4887.

-15.4887.

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

107.6610, -16.1019, -15.4887

Protanopia

112.0880, -20.2564, 10.4468

Deuteranopia

113.5390, -17.5207, 19.6983



Tritanopia

112.3450, 6.7319, -12.5806

Trichromacy



Original Color

107.6610, -16.1019, -15.4887

Protanomaly

110.3750, -18.9189, 1.4251

Deuteranomaly

111.2770, -16.8986, 6.7731

Tritanomaly

110.4560, -1.7038, -13.5549

Monochromacy



Original Color

107.6610, -16.1019, -15.4887

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.4740, -5.6567, -5.6777

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6610, -16.1019, -15.4887 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(90, 123, 75)` looks like.

```
.text, #text, p{  
    color:rgb(90, 123, 75)  
}
```

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(90, 123, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 123, 75) }
```

Border

The CSS property to change the border of an element to YUV 107.6610, -16.1019, -15.4887 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(90, 123, 75) }
```


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

```
.border{ border-color:rgb(90, 123, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 123, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 123, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 123, 75);  
box-shadow:4px 4px 4px 4px rgb(90, 123,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 107.6610, -16.1019, -15.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 123, 75) }
```

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

```
.background{ background-color: rgb(90, 123,  
75) }
```

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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