

Converting Colors

YUV(150.6750, -27.4478,
-16.3780)

Have a look what the booklet for
YUV(150.6750, -27.4478, -16.3780)
contains.

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Color

**YUV(150.6750, -27.4478,
-16.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	84AB5F
RGB	132, 171, 95
RGB Percent	52%, 67%, 37%
CMY	0.4824, 0.3294, 0.6275
CMYK	0.23, 0.00, 0.44, 0.33
HSL	91°, 31%, 52%
HSV	91°, 44%, 67%
XYZ	26.1442, 34.8576, 16.1767
YIQ	150.6750, 1.1520, -31.9040

Conversions

Conversions Part 2

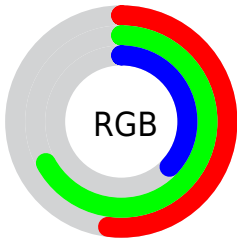
Format	Color
RYB	95, 171, 134
Decimal	8694623
CIELab	65.64, -26.71, 34.83
CIELCh	66, 43.892, 127.488
Yxy	34.8576, 0.3387, 0.4516
Android (android.graphics.Color)	4286884703 (0xFF84AB5F)
YUV	150.6750, -27.4478, -16.3780
Hunter-Lab	59.0403, -24.2773, 25.0831

Details

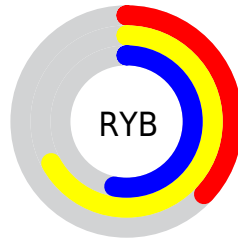
The YUV color **150.6750, -27.4478, -16.3780** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **115.3250, 27.4478, 16.3780**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6210, -28.9002, -17.2076**, and **99.0170, -26.1374, -16.6779** is the 20% darker color. If you saturate the color by 10%, you get **146.0460, -33.5467, -20.2113**, and if you desaturate by 10%, it is **155.3040, -21.3489, -12.5446**.

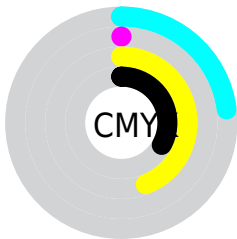
Distribution



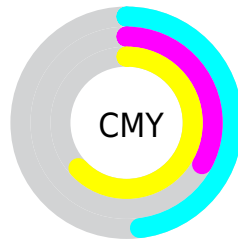
- Red (52%)
- Green (67%)
- Blue (37%)



- Red (37%)
- Yellow (67%)
- Blue (53%)



- Cyan (23%)
- Magenta (0%)
- Yellow (44%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.6750, -27.4478, -16.3780 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 150.6750, -27.4478, -16.3780 by changing the saturation by 10% instead.

■ 150.6750,
-27.4478, -16.3780

■ 150.6750,
-27.4478, -16.3780

■ 255.0000, 0.0000,
0.0000

■ 124.2020,
-26.7216, -15.9632

■ 205.6210,
-28.9002, -17.2076

■ 99.0170, -26.1374,
-16.6779

■ 233.8060,
-29.4844, -16.4929

■ 74.1310, -25.7006,
-16.7779

■ 245.2560,
-21.8182, -1.9785

■ 50.3590, -24.8270,
-16.9778

■ 252.1500,
-10.9200, 2.4994

■ 28.7850, -14.1910,
-21.7364

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 150.6750,
-27.4478, -16.3780

■ 150.6750,
-27.4478, -16.3780

■ 146.0460,
-33.5467, -20.2113

■ 155.3040,
-21.3489, -12.5446

■ 141.4170,
-39.6456, -24.0447

■ 159.9330,
-15.2500, -8.7112

■ 137.0870,
-45.8919, -27.2633

■ 164.2630, -9.0037,
-5.4927

■ 132.4580,
-51.9908, -31.0967

■ 168.8920, -2.9048,
-1.6593

■ 127.8290,
-58.0897, -34.9300

■ 173.5210, 3.1941,
2.1741

■ 125.1940,
-61.7206, -37.0041

■ 178.2640, 9.7298,
5.9075

■ 182.5940, 15.9762,
9.1261

■ 187.2230, 22.0751,
12.9594

■ 191.8520, 28.1740,
16.7928

Harmonies

Analogous

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



154.9520, -37.4443, 16.7051



150.6750, -27.4478, -16.3780



142.1120, -6.9572, -55.3492

Triad

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



150.6750, -27.4478, -16.3780



127.2980, 51.1251, -111.6403



161.7290, -5.2894, 63.3817

Complementary

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



150.6750, -27.4478, -16.3780



115.3250, 27.4478, 16.3780

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.



163.7280, 12.9521, 45.8425



150.6750, -27.4478, -16.3780



154.7250, 40.5616, -36.5928

Square

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



150.6750, -27.4478, -16.3780



127.9700, 38.4688, -112.2297



163.0470, 29.0638, 11.3598



159.8370, -22.5976, 61.5330

Rectangle

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



150.6750, -27.4478, -16.3780



126.0210, 14.2866, -102.6274



163.0470, 29.0638, 11.3598



162.0150, 0.9786, 59.6228

Sweetspot

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



150.6750, -27.4478, -16.3780



214.2090, -10.4560, -6.3223



140.0300, -22.1998, 27.1607



107.2570, -6.5357, -3.7334



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



150.6750, -27.4478, -16.3780



190.6080, -42.6977, -25.0892



139.6120, -21.9937, -39.1247



84.4790, -3.1941, -2.1741



109.8770, -54.1694, -32.3411



16.7900, -8.2775, -5.0778

Inverse Universe

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



115.3250, 27.4478, 16.3780



135.6910, 42.5503, 25.7040



126.3880, 21.9937, 39.1247



80.2220, 3.3416, 1.5593



40.1230, 54.1694, 32.3411



6.2100, 8.2775, 5.0778

Previews

White Background



This preview shows how the YUV color 150.6750, -27.4478, -16.3780 looks on a white 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

Black Background



This preview shows how the YUV color 150.6750, -27.4478, -16.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

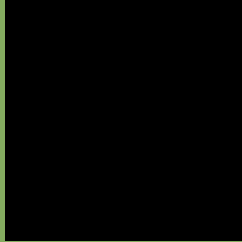
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.6750, -27.4478, -16.3780 Background



This preview shows how black text looks on a background with the YUV color 150.6750, -27.4478, -16.3780.



This preview shows how white text looks on a background with the YUV color 150.6750, -27.4478, -16.3780.

-16.3780.

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

150.6750, -27.4478, -16.3780

Protanopia

155.7330, -31.9134, 16.0202

Deuteranopia

158.0320, -28.6098, 29.7899



Tritanopia

158.1000, 8.3317, -12.3657

Trichromacy



Original Color

150.6750, -27.4478, -16.3780

Protanomaly

153.7100, -30.4230, 4.6393

Deuteranomaly

155.3350, -28.2662, 12.8612

Tritanomaly

155.3590, -4.6140, -13.4698

Monochromacy



Original Color

150.6750, -27.4478, -16.3780

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7360, -9.7298, -5.9075

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.6750, -27.4478, -16.3780 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(132, 171, 95)` looks like.

```
.text, #text, p{  
    color:rgb(132, 171, 95)  
}
```

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(132, 171, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 171, 95) }
```

Border

The CSS property to change the border of an element to YUV 150.6750, -27.4478, -16.3780 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(132, 171, 95) }
```


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

```
.border{ border-color:rgb(132, 171, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 171, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 171, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 171, 95);  
box-shadow:4px 4px 4px 4px rgb(132, 171,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 150.6750, -27.4478, -16.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 171, 95) }
```

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

```
.background{ background-color: rgb(132,  
171, 95) }
```

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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