

Converting Colors

YUV(157.6150, -46.6452,
-18.9564)

Have a look what the booklet for
YUV(157.6150, -46.6452, -18.9564)
contains.

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Color

**YUV(157.6150, -46.6452,
-18.9564)**

Conversions

Conversions Part 1

Format	Color
Hex	88BB3F
RGB	136, 187, 63
RGB Percent	53%, 73%, 25%
CMY	0.4667, 0.2667, 0.7529
CMYK	0.27, 0.00, 0.66, 0.27
HSL	85°, 50%, 49%
HSV	85°, 66%, 73%
XYZ	28.8209, 41.1338, 11.1232
YIQ	157.6150, 9.4080, -49.3760

Conversions

Conversions Part 2

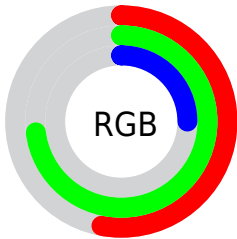
Format	Color
RYB	63, 187, 114
Decimal	8960831
CIELab	70.27, -35.94, 55.25
CIElCh	70, 65.907, 123.045
Yxy	41.1338, 0.3555, 0.5073
Android (android.graphics.Color)	4287150911 (0xFF88BB3F)
YUV	157.6150, -46.6452, -18.9564
Hunter-Lab	64.1356, -32.0241, 34.6121

Details

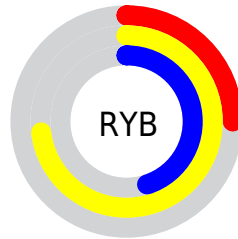
The YUV color **157.6150, -46.6452, -18.9564** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **92.3850, 46.6452, 18.9564**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3870, -47.5188, -18.7564**, and **102.2900, -50.4290, -18.6713** is the 20% darker color. If you saturate the color by 10%, you get **153.0570, -53.7651, -21.9750**, and if you desaturate by 10%, it is **162.1730, -39.5253, -15.9377**.

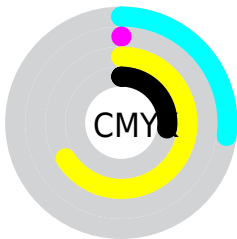
Distribution



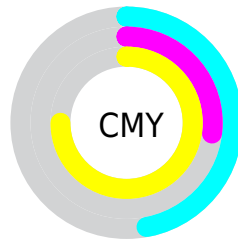
- Red (53%)
- Green (73%)
- Blue (25%)



- Red (25%)
- Yellow (73%)
- Blue (45%)



- Cyan (27%)
- Magenta (0%)
- Yellow (66%)
- Black (27%)



- Cyan (47%)
- Magenta (27%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.6150, -46.6452, -18.9564 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 157.6150, -46.6452, -18.9564 by changing the saturation by 10% instead.

■ 157.6150,
-46.6452, -18.9564

■ 157.6150,
-46.6452, -18.9564

■ 255.0000, 0.0000,
0.0000

■ 130.5010,
-47.0820, -18.8564

■ 213.3870,
-47.5188, -18.7564

■ 102.2900,
-50.4290, -18.6713

■ 232.1800,
-43.4727, -9.8049

■ 79.5420, -39.2142,
-22.4003

■ 244.2280,
-36.1014, 5.9390

■ 56.4950, -27.8520,
-26.7441

■ 248.7300,
-24.0239, 5.4988

■ 35.2200, -17.3635,
-30.8879

■ 251.9220,
-11.7935, 2.6994

■ 22.3060, -10.9969,
-19.5624

■ 1.1740, -0.5788,

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 157.6150,
-46.6452, -18.9564

■ 157.6150,
-46.6452, -18.9564

■ 153.0570,
-53.7651, -21.9750

■ 162.1730,
-39.5253, -15.9377

■ 148.9120,
-60.5956, -24.4788

■ 166.3180,
-32.6948, -13.4339

■ 144.3540,
-67.7155, -27.4975

■ 170.8760,
-25.5749, -10.4153

■ 142.6590,
-70.3309, -28.6419

■ 175.4340,
-18.4550, -7.3966

■ 179.5790,
-11.6244, -4.8928

■ 184.1370, -4.5045,
-1.8741

■ 188.6950, 2.6154,
1.1445

■ 193.2530, 9.7353,
4.1631

■ 197.3980, 16.5658,
6.6670

Harmonies

Analogous

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



163.6120, -61.9267, 29.2813



157.6150, -46.6452, -18.9564



135.9360, -10.3214, -96.4139

Triad

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



157.6150, -46.6452, -18.9564



141.7740, 55.8204, -124.3358



162.9020, 2.5133, 80.7699

Complementary

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



157.6150, -46.6452, -18.9564



92.3850, 46.6452, 18.9564

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.



175.4650, 25.4068, 64.4902



157.6150, -46.6452, -18.9564



133.5670, 59.8665, -115.3843

Square

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



157.6150, -46.6452, -18.9564



143.7170, 45.4955, -126.0398



173.0000, 40.4260, 7.0160



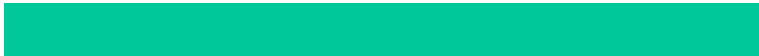
162.1600, -25.7149, 81.4207

Rectangle

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



157.6150, -46.6452, -18.9564



135.0700, 9.8255, -118.4564



173.0000, 40.4260, 7.0160



166.3560, 10.6705, 77.7408

Sweetspot

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



157.6150, -46.6452, -18.9564



230.5480, -18.0182, -7.4966



129.4260, -32.7480, 50.4924



115.1060, -10.8983, -4.4780



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



157.6150, -46.6452, -18.9564



196.2630, -73.0937, -29.1717



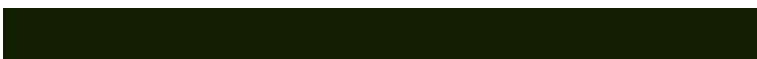
139.3760, -37.6534, -56.4578



91.7780, -3.3416, -1.5593



120.5530, -59.4326, -24.1640



23.5790, -11.6244, -4.8928

Inverse Universe

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



92.3850, 46.6452, 18.9564



94.0360, 72.9463, 29.7864



110.6240, 37.6534, 56.4578



87.2220, 3.3416, 1.5593



37.4470, 59.4326, 24.1640



7.4210, 11.6244, 4.8928

Previews

White Background



This preview shows how the YUV color 157.6150, -46.6452, -18.9564 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 157.6150, -46.6452, -18.9564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

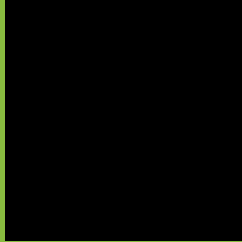
Any Text WCAG AA ✓ Pass

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 157.6150, -46.6452, -18.9564 Background



This preview shows how black text looks on a background with the YUV color 157.6150, -46.6452, -18.9564.



This preview shows how white text looks on a background with the YUV color 157.6150, -46.6452, -18.9564.

-18.9564.

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

157.6150, -46.6452, -18.9564

Protanopia

164.2120, -51.8695, 23.4931

Deuteranopia

167.4620, -47.5558, 39.9368



Tritanopia

169.7190, 9.5055, -15.5396

Trichromacy



Original Color

157.6150, -46.6452, -18.9564

Protanomaly

161.8680, -50.2209, 8.0088

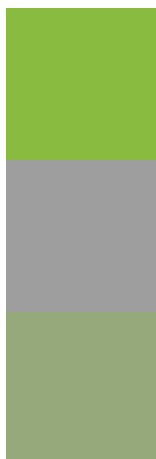
Deuteranomaly

164.0310, -47.3433, 18.3898

Tritanomaly

165.0290, -10.8603, -16.6884

Monochromacy



Original Color

157.6150, -46.6452, -18.9564

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0750, -17.2920, -7.0818

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6150, -46.6452, -18.9564 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(136, 187, 63)` looks like.

```
.text, #text, p{  
    color:rgb(136, 187, 63)  
}
```

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(136, 187, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 187, 63) }
```

Border

The CSS property to change the border of an element to YUV 157.6150, -46.6452, -18.9564 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(136, 187, 63) }
```


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

```
.border{ border-color:rgb(136, 187, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 187, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 187, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 187, 63);  
box-shadow:4px 4px 4px 4px rgb(136, 187,  
63) }
```

Background

The CSS property to change the background color of an element to YUV 157.6150, -46.6452, -18.9564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 187, 63) }
```

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

```
.background{ background-color: rgb(136,  
187, 63) }
```

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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