

Converting Colors

YUV(116.6150, -19.5302,
10.8616)

Have a look what the booklet for
YUV(116.6150, -19.5302, 10.8616)
contains.

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Color

**YUV(116.6150, -19.5302,
10.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	81764D
RGB	129, 118, 77
RGB Percent	51%, 46%, 30%
CMY	0.4941, 0.5373, 0.6980
CMYK	0.00, 0.09, 0.40, 0.49
HSL	47°, 25%, 40%
HSV	47°, 40%, 51%
XYZ	16.8712, 18.1598, 9.6372
YIQ	116.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

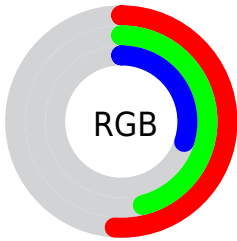
Format	Color
RYB	91, 129, 77
Decimal	8484429
CIELab	49.69, -2.14, 24.13
CIELCh	50, 24.222, 95.078
Yxy	18.1598, 0.3777, 0.4065
Android (android.graphics.Color)	4286674509 (0xFF81764D)
YUV	116.6150, -19.5302, 10.8616
Hunter-Lab	42.6143, -3.9060, 16.4217

Details

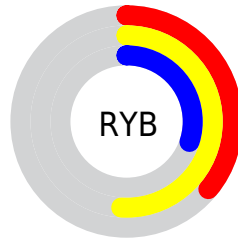
The YUV color **116.6150, -19.5302, 10.8616** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **89.3850, 19.5302, -10.8616**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9850, -20.6986, 12.2912**, and **68.0600, -17.7776, 8.7174** is the 20% darker color. If you saturate the color by 10%, you get **113.3720, -24.3404, 13.7058**, and if you desaturate by 10%, it is **119.8580, -14.7200, 8.0175**.

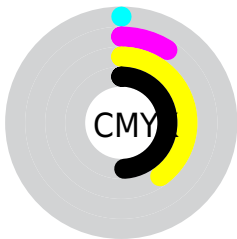
Distribution



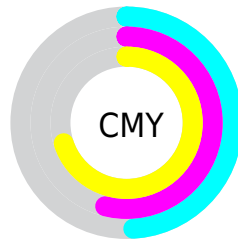
- Red (51%)
- Green (46%)
- Blue (30%)



- Red (36%)
- Yellow (51%)
- Blue (30%)



- Cyan (0%)
- Magenta (9%)
- Yellow (40%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6150, -19.5302, 10.8616 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 116.6150, -19.5302, 10.8616 by changing the saturation by 10% instead.

■ 116.6150,
-19.5302, 10.8616

■ 116.6150,
-19.5302, 10.8616

■ 255.0000, 0.0000,
0.0000

■ 91.5440, -18.5092,
10.0469

■ 168.9850,
-20.6986, 12.2912

■ 68.0600, -17.7776,
8.7174

■ 196.1700,
-21.2828, 13.0059

■ 45.6470, -18.0670,
8.2026

■ 224.0560,
-21.7196, 13.1059

■ 25.7160, -12.6780,
6.3881

■ 248.9410,
-20.6769, 5.3137

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,
1.9996

■ 116.6150,
-19.5302, 10.8616

■ 116.6150,
-19.5302, 10.8616

■ 113.3720,
-24.3404, 13.7058

■ 119.8580,
-14.7200, 8.0175

■ 110.7160,
-29.4400, 16.0351

■ 122.5140, -9.6204,
5.6882

■ 107.4730,
-34.2502, 18.8792

■ 125.7570, -4.8102,
2.8441

■ 104.2300,
-39.0604, 21.7233

■ 129.0000, 0.0000,
0.0000

■ 100.9870,
-43.8706, 24.5674

■ 132.1290, 4.3734,
-2.7441

■ 98.4450, -48.5334,
26.7967

■ 134.7850, 9.4730,
-5.0734

■ 138.0280, 14.2832,
-7.9176

■ 141.2710, 19.0934,

-10.7617

■ 144.5140, 23.9036,
-13.6058

Harmonies

Analogous

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



118.3440, -18.4106, 25.1313



116.6150, -19.5302, 10.8616



114.3570, -14.9660, -6.4521

Triad

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



116.6150, -19.5302, 10.8616



106.4480, 17.0341, -50.3819



121.0920, 7.3496, 22.7213

Complementary

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



116.6150, -19.5302, 10.8616



89.3850, 19.5302, -10.8616

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.



120.7460, 15.4082, 4.6078



116.6150, -19.5302, 10.8616



110.7790, 21.8010, -39.2712

Square

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



116.6150, -19.5302, 10.8616



107.4570, 6.6767, -41.6198



116.6830, 20.8623, -18.1390



120.8130, -2.8658, 32.6130

Rectangle

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



116.6150, -19.5302, 10.8616



112.4740, -9.1077, -18.8327



116.6830, 20.8623, -18.1390



121.1560, 10.2761, 17.4032

Sweetspot

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



116.6150, -19.5302, 10.8616



163.3720, -7.5784, 4.0588



93.8020, -2.8604, 30.8686



81.4580, -4.6628, 2.2293



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



116.6150, -19.5302, 10.8616



148.9010, -30.0242, 16.7498



118.5870, -20.5024, -4.0228



62.0280, -2.4788, 1.7294



97.5590, -48.0966, 26.6968



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.3850, 19.5302, -10.8616



107.0990, 30.0242, -16.7498



87.4130, 20.5024, 4.0228



58.9720, 2.4788, -1.7294



30.4410, 48.0966, -26.6968



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 116.6150, -19.5302, 10.8616 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 116.6150, -19.5302, 10.8616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

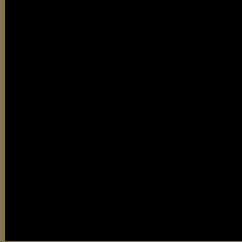
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.6150, -19.5302, 10.8616

Background



This preview shows how black text looks on a background with the YUV color 116.6150, -19.5302, 10.8616.



This preview shows how white text looks on a background with the YUV color 116.6150, -19.5302, 10.8616.

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

116.6150, -19.5302, 10.8616

Protanopia

116.3160, -19.3828, 10.2469

Deuteranopia

117.6810, -19.5627, 21.3278



Tritanopia

120.1910, 0.3988, 12.1105

Trichromacy



Original Color

116.6150, -19.5302, 10.8616

Protanomaly

116.3160, -19.3828, 10.2469

Deuteranomaly

117.3600, -19.4045, 17.2243

Tritanomaly

118.9430, -6.8739, 11.4510

Monochromacy



Original Color

116.6150, -19.5302, 10.8616

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.4860, -7.1416, 3.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6150, -19.5302, 10.8616 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(129, 118, 77)` looks like.

```
.text, #text, p{  
    color:rgb(129, 118, 77)  
}
```

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(129, 118, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 118, 77) }
```

Border

The CSS property to change the border of an element to YUV 116.6150, -19.5302, 10.8616 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(129, 118, 77) }
```


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

```
.border{ border-color:rgb(129, 118, 77) }
```

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

Here you see how a box with a 4 pixel rgb(129, 118, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 118, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 118, 77);  
box-shadow:4px 4px 4px 4px rgb(129, 118,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 116.6150, -19.5302, 10.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 118, 77) }
```

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

```
.background{ background-color: rgb(129,  
118, 77) }
```

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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