

Converting Colors

YUV(117.0150, -19.7274,
-19.3072)

Have a look what the booklet for
YUV(117.0150, -19.7274, -19.3072)
contains.

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Color

**YUV(117.0150, -19.7274,
-19.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	5F884D
RGB	95, 136, 77
RGB Percent	37%, 53%, 30%
CMY	0.6275, 0.4667, 0.6980
CMYK	0.30, 0.00, 0.43, 0.47
HSL	102°, 28%, 42%
HSV	102°, 43%, 53%
XYZ	14.8630, 20.5770, 10.2096
YIQ	117.0150, -5.4970, -27.0410

Conversions

Conversions Part 2

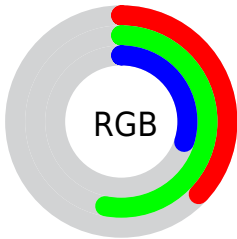
Format	Color
RYB	77, 136, 118
Decimal	6260813
CIELab	52.48, -25.81, 27.21
CIELCh	52, 37.507, 133.485
Yxy	20.5770, 0.3256, 0.4508
Android (android.graphics.Color)	4284450893 (0xFF5F884D)
YUV	117.0150, -19.7274, -19.3072
Hunter-Lab	45.3619, -20.8971, 18.4090

Details

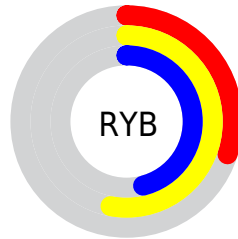
The YUV color $117.0150, -19.7274, -19.3072$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $95.9850, 19.7274, 19.3072$, and the grayscale version is $117.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $169.9610, -21.1798, -20.1368$, and $67.7700, -18.1276, -19.0923$ is the 20% darker color. If you saturate the color by 10%, you get $112.7280, -24.5159, -23.4405$, and if you desaturate by 10%, it is $121.3020, -14.9389, -15.1739$.

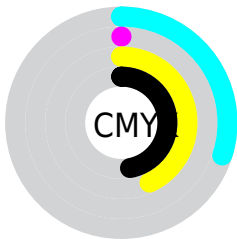
Distribution



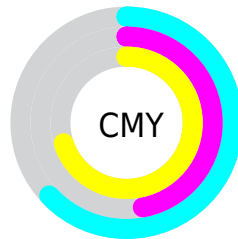
- Red (37%)
- Green (53%)
- Blue (30%)



- Red (30%)
- Yellow (53%)
- Blue (46%)



- Cyan (30%)
- Magenta (0%)
- Yellow (43%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0150, -19.7274, -19.3072 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 117.0150, -19.7274, -19.3072 by changing the saturation by 10% instead.

■ 117.0150,
-19.7274, -19.3072

■ 117.0150,
-19.7274, -19.3072

■ 255.0000, 0.0000,
0.0000

■ 91.5420, -19.0012,
-18.8923

■ 169.9610,
-21.1798, -20.1368

■ 67.7700, -18.1276,
-19.0923

■ 196.8470,
-21.6166, -20.0368

■ 43.4710, -17.9802,
-19.7071

■ 225.3200,
-22.3428, -20.4516

■ 23.4800, -11.5756,
-20.5920

■ 242.1670,
-16.8443, -10.6705

■ 9.3920, -4.6303,
-8.2368

■ 252.8340, -8.2992,
1.8996

■ 0.0000, 0.0000,
0.0000

■ 117.0150,
-19.7274, -19.3072

■ 117.0150,
-19.7274, -19.3072

■ 112.7280,
-24.5159, -23.4405

■ 121.3020,
-14.9389, -15.1739

■ 108.2560,
-28.7202, -28.2885

■ 125.7740,
-10.7346, -10.3258

■ 103.9690,
-33.5087, -32.4218

■ 130.0610, -5.9461,
-6.1925

■ 99.4970, -37.7130,
-37.2699

■ 134.5330, -1.7418,
-1.3444

■ 95.2100, -42.5015,
-41.4032

■ 138.8200, 3.0467,
2.7889

■ 92.0910, -45.4009,
-44.8068

■ 143.4060, 7.6878,
7.5369

■ 147.5790, 12.0396,
11.7702

■ 152.1650, 16.6807,

16.5183

■ 156.3380, 21.0324,
20.7516

Harmonies

Analogous

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



121.2590, -29.7077, 8.5429



117.0150, -19.7274, -19.3072



108.9040, -1.4317, -54.2898

Triad

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



117.0150, -19.7274, -19.3072



103.1510, 40.8446, -80.8164



126.4950, -7.1460, 52.1859

Complementary

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



117.0150, -19.7274, -19.3072



95.9850, 19.7274, 19.3072

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.



128.3270, 7.7268, 41.8092



117.0150, -19.7274, -19.3072



123.8210, 31.6402, -21.7680

Square

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



117.0150, -19.7274, -19.3072



101.4460, 33.3041, -88.9681



128.7180, 21.3380, 16.0333



125.3900, -21.3913, 47.8930

Rectangle

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



117.0150, -19.7274, -19.3072



97.9460, 14.8166, -85.8986



128.7180, 21.3380, 16.0333



127.4500, -2.1939, 50.4714

Sweetspot

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



117.0150, -19.7274, -19.3072



168.5940, -7.6878, -7.5369



118.1210, -20.2727, 15.6799



84.4140, -4.6411, -4.7481



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.0150, -19.7274, -19.3072



146.3760, -30.7514, -30.1478



112.8870, -12.2693, -31.4729



66.7070, -2.3206, -2.3740



90.0310, -44.3853, -43.8772



3.5330, -1.7418, -1.3444

Inverse Universe

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



95.9850, 19.7274, 19.3072



113.6240, 30.7514, 30.1478



100.1130, 12.2693, 31.4729



64.2930, 2.3206, 2.3740



42.6700, 44.5327, 43.2624



1.7660, 1.5944, 1.9592

Previews

White Background



This preview shows how the YUV color 117.0150, -19.7274, -19.3072 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 117.0150, -19.7274, -19.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

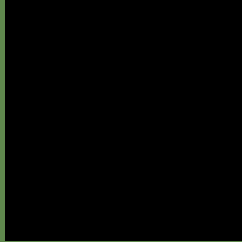
Any Text WCAG AA ✓ Pass

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 117.0150, -19.7274, -19.3072 Background



This preview shows how black text looks on a background with the YUV color 117.0150, -19.7274, -19.3072.



This preview shows how white text looks on a background with the YUV color 117.0150, -19.7274, -19.3072.

-19.3072.

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

117.0150, -19.7274, -19.3072

Protanopia

122.6600, -24.4824, 12.5762

Deuteranopia

123.9370, -21.1679, 22.8573



Tritanopia

122.9640, 7.9057, -15.7544

Trichromacy



Original Color

117.0150, -19.7274, -19.3072

Protanomaly

120.6370, -22.9920, 1.1954

Deuteranomaly

121.3650, -20.3929, 7.5729

Tritanomaly

120.9070, -2.4192, -17.4584

Monochromacy



Original Color

117.0150, -19.7274, -19.3072

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0150, -19.7274, -19.3072 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(95, 136, 77)` looks like.

```
.text, #text, p{  
    color:rgb(95, 136, 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(95, 136, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 136, 77) }
```

Border

The CSS property to change the border of an element to YUV 117.0150, -19.7274, -19.3072 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(95, 136, 77) }
```


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

```
.border{ border-color:rgb(95, 136, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 136, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 136, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 136, 77);  
box-shadow:4px 4px 4px 4px rgb(95, 136,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 117.0150, -19.7274, -19.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 136, 77) }
```

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

```
.background{ background-color: rgb(95, 136,  
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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