

Converting Colors

YUV(111.8260, -19.6342,
-2.4784)

Have a look what the booklet for
YUV(111.8260, -19.6342, -2.4784)
contains.

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Color

**YUV(111.8260, -19.6342,
-2.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7948
RGB	109, 121, 72
RGB Percent	43%, 47%, 28%
CMY	0.5725, 0.5255, 0.7176
CMYK	0.10, 0.00, 0.40, 0.53
HSL	75°, 25%, 38%
HSV	75°, 40%, 47%
XYZ	14.3137, 17.3938, 8.7338
YIQ	111.8260, 8.5770, -17.7830

Conversions

Conversions Part 2

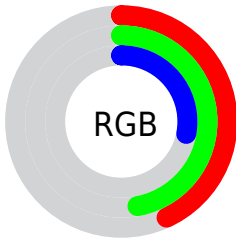
Format	Color
RYB	72, 121, 84
Decimal	7174472
CIELab	48.75, -13.09, 25.39
CIELCh	49, 28.564, 117.274
Yxy	17.3938, 0.3539, 0.4301
Android (android.graphics.Color)	4285364552 (0xFF6D7948)
YUV	111.8260, -19.6342, -2.4784
Hunter-Lab	41.7059, -11.7230, 16.7780

Details

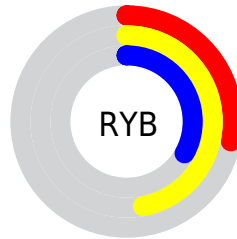
The YUV color **111.8260, -19.6342, -2.4784** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **81.1740, 19.6342, 2.4784**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4840, -20.9446, -2.1785**, and **63.2820, -17.8870, -2.8783** is the 20% darker color. If you saturate the color by 10%, you get **109.5610, -24.4336, -3.1230**, and if you desaturate by 10%, it is **114.0910, -14.8349, -1.8338**.

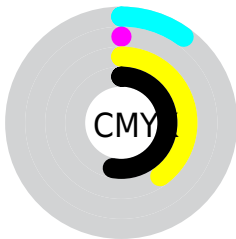
Distribution



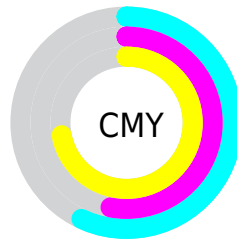
- Red (43%)
- Green (47%)
- Blue (28%)



- Red (28%)
- Yellow (47%)
- Blue (33%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8260, -19.6342, -2.4784 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 111.8260, -19.6342, -2.4784 by changing the saturation by 10% instead.

■ 111.8260,
-19.6342, -2.4784

■ 111.8260,
-19.6342, -2.4784

■ 255.0000, 0.0000,
0.0000

■ 87.0540, -18.7606,
-2.6784

■ 163.4840,
-20.9446, -2.1785

■ 63.2820, -17.8870,
-2.8783

■ 191.2560,
-21.8182, -1.9785

■ 40.9400, -19.1974,
-2.5784

■ 219.1420,
-22.2550, -1.8785

■ 21.2090, -10.4560,
-6.3223

■ 245.9680,
-21.6762, -0.8489

■ 0.0000, 0.0000,
0.0000

■ 252.1500,
-10.9200, 2.4994

■ 111.8260,
-19.6342, -2.4784

■ 111.8260,
-19.6342, -2.4784

■ 109.5610,
-24.4336, -3.1230

■ 114.0910,
-14.8349, -1.8338

■ 107.2960,
-29.2329, -3.7676

■ 116.3560,
-10.0355, -1.1892

■ 105.0310,
-34.0323, -4.4122

■ 118.6210, -5.2362,
-0.5446

■ 102.7660,
-38.8316, -5.0568

■ 120.8860, -0.4368,
0.1000

■ 100.3870,
-44.0678, -5.6014

■ 123.1510, 4.3626,
0.7446

■ 98.2360, -48.4303,
-6.3460

■ 125.5300, 9.5987,
1.2892

■ 127.7950, 14.3981,
1.9338

■ 130.0600, 19.1974,

2.5784

■ 132.3250, 23.9968,
3.2230

Harmonies

Analogous

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



114.6220, -23.4776, 16.9945



111.8260, -19.6342, -2.4784



108.0280, -9.3808, -24.5806

Triad

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



111.8260, -19.6342, -2.4784



100.7270, 27.2496, -60.2736



118.3450, 0.3229, 36.5314

Complementary

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



111.8260, -19.6342, -2.4784



81.1740, 19.6342, 2.4784

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.



119.1180, 11.2808, 21.8215



111.8260, -19.6342, -2.4784



111.5720, 25.8470, -30.3196

Square

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



111.8260, -19.6342, -2.4784



94.0430, 21.1778, -72.8287



117.0810, 20.6661, -1.8250



117.3810, -11.0338, 39.1309

Rectangle

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



111.8260, -19.6342, -2.4784



104.6330, -0.3121, -40.0201



117.0810, 20.6661, -1.8250



118.6480, 4.1175, 32.7577

Sweetspot

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



111.8260, -19.6342, -2.4784



154.3390, -7.5621, -1.1743



93.1080, -10.4062, 24.4613



76.8490, -4.3626, -0.7446



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



111.8260, -19.6342, -2.4784



143.5410, -30.8327, -3.9825



104.6500, -16.0965, -17.2331



60.0170, -2.4734, -0.0149



101.4810, -50.0301, -6.5608



205.0330, -101.0813, -12.3069

Inverse Universe

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



81.1740, 19.6342, 2.4784



95.4590, 30.8327, 3.9825



88.3500, 16.0965, 17.2331



56.2820, 2.3260, 0.6297



23.5190, 50.0301, 6.5608



47.2660, 100.9339, 12.9217

Previews

White Background



This preview shows how the YUV color 111.8260, -19.6342, -2.4784 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 111.8260, -19.6342, -2.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

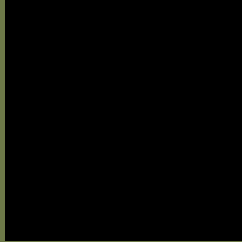
Any Text WCAG AA × Fail

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 111.8260, -19.6342, -2.4784 Background



This preview shows how black text looks on a background with the YUV color 111.8260, -19.6342, -2.4784.



This preview shows how white text looks on a background with the YUV color 111.8260, -19.6342, -2.4784.

-2.4784.

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

111.8260, -19.6342, -2.4784

Protanopia

113.7460, -21.5668, 10.7468

Deuteranopia

115.1540, -20.2889, 20.9129



Tritanopia

116.3250, 3.7838, -0.2850

Trichromacy



Original Color

111.8260, -19.6342, -2.4784

Protanomaly

113.2400, -20.8243, 5.9285

Deuteranomaly

114.0990, -20.2618, 12.1912

Tritanomaly

114.4360, -4.6519, -1.2594

Monochromacy



Original Color

111.8260, -19.6342, -2.4784

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7520, -7.2727, -0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8260, -19.6342, -2.4784 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(109, 121, 72)` looks like.

```
.text, #text, p{  
    color:rgb(109, 121, 72)  
}
```

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(109, 121, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 121, 72) }
```

Border

The CSS property to change the border of an element to YUV 111.8260, -19.6342, -2.4784 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(109, 121, 72) }
```


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

```
.border{ border-color:rgb(109, 121, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 121, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 121, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 121, 72);  
box-shadow:4px 4px 4px 4px rgb(109, 121,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 111.8260, -19.6342, -2.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 121, 72) }
```

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

```
.background{ background-color: rgb(109,  
121, 72) }
```

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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