

Converting Colors

YUV(111.4720, -19.4597,
-11.8149)

Have a look what the booklet for
YUV(111.4720, -19.4597, -11.8149)
contains.

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Color

**YUV(111.4720, -19.4597,
-11.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	627E48
RGB	98, 126, 72
RGB Percent	38%, 49%, 28%
CMY	0.6157, 0.5059, 0.7176
CMYK	0.22, 0.00, 0.43, 0.51
HSL	91°, 27%, 39%
HSV	91°, 43%, 49%
XYZ	13.6676, 17.9863, 8.8822
YIQ	111.4720, 0.6460, -22.7300

Conversions

Conversions Part 2

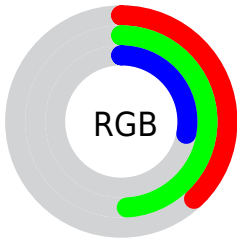
Format	Color
R_{YB}	72, 126, 100
Decimal	6454856
CIE _{Lab}	49.48, -20.29, 26.16
CIE _{LCh}	49, 33.102, 127.798
Yxy	17.9863, 0.3372, 0.4437
Android (android.graphics.Color)	4284644936 (0xFF627E48)
YUV	111.4720, -19.4597, -11.8149
Hunter-Lab	42.4102, -16.6926, 17.2697

Details

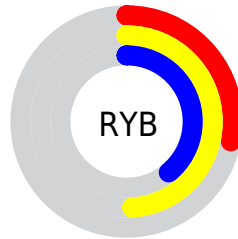
The YUV color **111.4720, -19.4597, -11.8149** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **86.5280, 19.4597, 11.8149**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.7170, -21.0595, -12.0298**, and **63.1130, -18.2967, -11.5001** is the 20% darker color. If you saturate the color by 10%, you get **107.8970, -24.1062, -14.8187**, and if you desaturate by 10%, it is **115.0470, -14.8132, -8.8112**.

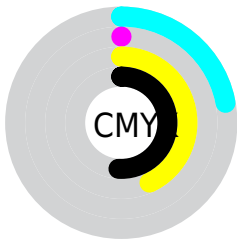
Distribution



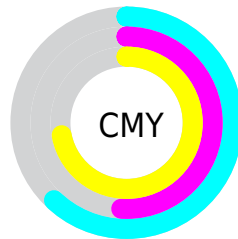
- Red (38%)
- Green (49%)
- Blue (28%)



- Red (28%)
- Yellow (49%)
- Blue (39%)



- Cyan (22%)
- Magenta (0%)
- Yellow (43%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.4720, -19.4597, -11.8149 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 111.4720, -19.4597, -11.8149 by changing the saturation by 10% instead.

■ 111.4720,
-19.4597, -11.8149

■ 111.4720,
-19.4597, -11.8149

■ 255.0000, 0.0000,
0.0000

■ 86.7000, -18.5861,
-12.0149

■ 163.7170,
-21.0595, -12.0298

■ 63.1130, -18.2967,
-11.5001

■ 190.6030,
-21.4963, -11.9298

■ 39.9990, -18.7335,
-11.4001

■ 219.0760,
-22.2225, -12.3447

■ 19.3710, -9.5499,
-16.9884

■ 242.3800,
-19.9073, -8.2263

■ 0.0000, 0.0000,
0.0000

■ 252.1500,
-10.9200, 2.4994

■ 111.4720,
-19.4597, -11.8149

■ 111.4720,
-19.4597, -11.8149

■ 107.8970,
-24.1062, -14.8187

■ 115.0470,
-14.8132, -8.8112

■ 104.7350,
-28.4634, -17.3076

■ 118.2090,
-10.4560, -6.3223

■ 101.1600,
-33.1099, -20.3113

■ 121.7840, -5.8095,
-3.3186

■ 97.9980, -37.4670,
-22.8002

■ 124.9460, -1.4524,
-0.8296

■ 94.4230, -42.1135,
-25.8040

■ 128.5210, 3.1941,
2.1741

■ 92.2010, -45.4551,
-27.3633

■ 131.7970, 7.9881,
4.5630

■ 135.2580, 12.1978,
7.6667

■ 138.5340, 16.9917,

10.0557

■ 141.9950, 21.2015,
13.1594

Harmonies

Analogous

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



114.4920, -26.3716, 11.8465



111.4720, -19.4597, -11.8149



105.9660, -5.4062, -39.4352

Triad

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



111.4720, -19.4597, -11.8149



98.9090, 34.5549, -70.0802



119.5480, -4.2142, 45.1234

Complementary

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



111.4720, -19.4597, -11.8149



86.5280, 19.4597, 11.8149

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.



120.9130, 8.9169, 33.4023



111.4720, -19.4597, -11.8149



115.0010, 28.5935, -24.5569

Square

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



111.4720, -19.4597, -11.8149



94.1110, 28.0463, -82.5353



120.7340, 20.3441, 8.1263



118.0350, -16.2863, 43.8193

Rectangle

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



111.4720, -19.4597, -11.8149



98.3680, 8.1996, -63.4667



120.7340, 20.3441, 8.1263



120.0900, 0.4486, 42.8941

Sweetspot

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



111.4720, -19.4597, -11.8149



157.3170, -7.5513, -4.6630



104.5820, -16.0629, 18.7836



78.4250, -4.6465, -3.0037



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



111.4720, -19.4597, -11.8149



140.6810, -29.9157, -18.1372



103.8120, -15.1903, -27.8991



62.0060, -2.4680, -1.7593



93.3750, -46.0339, -28.3929



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.5280, 19.4597, 11.8149



102.3190, 29.9157, 18.1372



94.1880, 15.1903, 27.8991



58.9940, 2.4680, 1.7593



34.3260, 46.1813, 27.7781



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 111.4720, -19.4597, -11.8149 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 111.4720, -19.4597, -11.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

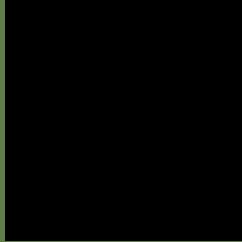
Any Text WCAG AA ✓ Pass

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 111.4720, -19.4597, -11.8149 Background



This preview shows how black text looks on a background with the YUV color 111.4720, -19.4597, -11.8149.



This preview shows how white text looks on a background with the YUV color 111.4720, -19.4597, -11.8149.

-11.8149.

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

111.4720, -19.4597, -11.8149

Protanopia

115.1160, -22.7352, 12.1763

Deuteranopia

116.4530, -20.4363, 21.5277



Tritanopia

116.2530, 6.2843, -8.9919

Trichromacy



Original Color

111.4720, -19.4597, -11.8149

Protanomaly

113.7020, -21.5451, 3.7693

Deuteranomaly

114.4900, -19.9616, 9.2173

Tritanomaly

114.7230, -3.3144, -10.2811

Monochromacy



Original Color

111.4720, -19.4597, -11.8149

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8440, -6.8251, -4.2482

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.4720, -19.4597, -11.8149 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(98, 126, 72)` looks like.

```
.text, #text, p{  
    color:rgb(98, 126, 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(98, 126, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 126, 72) }
```

Border

The CSS property to change the border of an element to YUV 111.4720, -19.4597, -11.8149 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(98, 126, 72) }
```


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

```
.border{ border-color:rgb(98, 126, 72) }
```

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

Here you see how a box with a 4 pixel rgb(98, 126, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 126, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 126, 72);  
box-shadow:4px 4px 4px 4px rgb(98, 126,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 111.4720, -19.4597, -11.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 126, 72) }
```

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

```
.background{ background-color: rgb(98, 126,  
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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