

Converting Colors

YUV(119.6240, -23.4786,
-29.4882)

Have a look what the booklet for
YUV(119.6240, -23.4786, -29.4882)
contains.

YUV(119.6240, -23.4786, -29.4882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.6240, -23.4786,
-29.4882)**

Conversions

Conversions Part 1

Format	Color
Hex	569248
RGB	86, 146, 72
RGB Percent	34%, 57%, 28%
CMY	0.6627, 0.4275, 0.7176
CMYK	0.41, 0.00, 0.51, 0.43
HSL	109°, 34%, 43%
HSV	109°, 51%, 57%
XYZ	15.2863, 23.0041, 9.7654
YIQ	119.6240, -12.0060, -35.7340

Conversions

Conversions Part 2

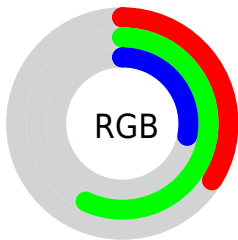
Format	Color
R_{YB}	72, 146, 132
Decimal	5673544
CIE _{Lab}	55.08, -34.45, 33.02
CIE _{LCh}	55, 47.724, 136.217
Yxy	23.0041, 0.3181, 0.4787
Android (android.graphics.Color)	4283863624 (0xFF569248)
YUV	119.6240, -23.4786, -29.4882
Hunter-Lab	47.9626, -27.0441, 21.5020

Details

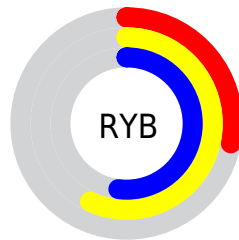
The YUV color **119.6240, -23.4786, -29.4882** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **98.3760, 23.4786, 29.4882**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8690, -25.0784, -29.7031**, and **68.3680, -21.8734, -31.0177** is the 20% darker color. If you saturate the color by 10%, you get **114.3260, -28.2617, -35.3659**, and if you desaturate by 10%, it is **124.9220, -18.6955, -23.6106**.

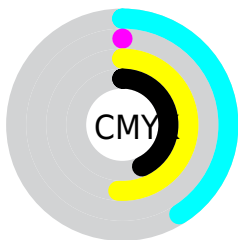
Distribution



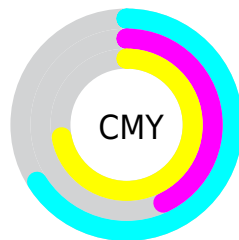
- Red (34%)
- Green (57%)
- Blue (28%)



- Red (28%)
- Yellow (57%)
- Blue (52%)



- Cyan (41%)
- Magenta (0%)
- Yellow (51%)
- Black (43%)



- Cyan (66%)
- Magenta (43%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6240, -23.4786, -29.4882 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 119.6240, -23.4786, -29.4882 by changing the saturation by 10% instead.

■ 119.6240,
-23.4786, -29.4882

■ 119.6240,
-23.4786, -29.4882

■ 255.0000, 0.0000,
0.0000

■ 93.8520, -22.6050,
-29.6882

■ 172.8690,
-25.0784, -29.7031

■ 68.3680, -21.8734,
-31.0177

■ 200.9290,
-26.0940, -30.6327

■ 41.6770, -20.5468,
-36.5507

■ 227.6410,
-25.9520, -29.5032

■ 27.5890, -13.6014,
-24.1956

■ 239.5040,
-17.9965, -14.4740

■ 15.2620, -7.5242,
-13.3848

■ 251.3670,
-10.0409, 0.5551

■ 0.0000, 0.0000,
0.0000

■ 119.6240,
-23.4786, -29.4882

■ 119.6240,
-23.4786, -29.4882

■ 114.3260,
-28.2617, -35.3659

■ 124.9220,
-18.6955, -23.6106

■ 109.1420,
-32.6080, -41.3435

■ 130.1060,
-14.3493, -17.6330

■ 103.8440,
-37.3911, -47.2212

■ 135.4040, -9.5662,
-11.7553

■ 98.9590, -41.8848,
-52.5840

■ 140.2890, -5.0725,
-6.3925

■ 94.0740, -46.3785,
-57.9469

■ 145.5870, -0.2894,
-0.5148

■ 150.8850, 4.4937,
5.3629

■ 156.0690, 8.8400,
11.3405

■ 161.3670, 13.6231,

17.2181

■ 166.5510, 17.9694,
23.1958

Harmonies

Analogous

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



125.5440, -38.7222, 6.5389



119.6240, -23.4786, -29.4882



101.2910, 4.7865, -88.8322

Triad

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



119.6240, -23.4786, -29.4882



107.5220, 51.5077, -94.2968



131.4970, -10.1050, 67.9701

Complementary

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



119.6240, -23.4786, -29.4882



98.3760, 23.4786, 29.4882

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.



134.1700, 9.2832, 55.9789



119.6240, -23.4786, -29.4882



129.6770, 40.0922, -26.0267

Square

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



119.6240, -23.4786, -29.4882



109.8240, 40.0198, -96.3156



136.0270, 26.1157, 23.6553



130.4470, -27.8284, 59.2440

Rectangle

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



119.6240, -23.4786, -29.4882



105.0700, 16.7275, -92.1464



136.0270, 26.1157, 23.6553



132.2070, -3.5531, 66.4705

Sweetspot

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



119.6240, -23.4786, -29.4882



178.8170, -9.2768, -11.2405



128.7590, -27.9822, 15.1204



88.1750, -5.5093, -6.2925



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.6240, -23.4786, -29.4882



147.7840, -36.3755, -46.2916



117.9460, -11.8054, -40.2946



71.4080, -2.1731, -2.9888



88.7800, -43.7685, -55.0581



6.4680, -3.1887, -3.9184

Inverse Universe

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



98.3760, 23.4786, 29.4882



114.9170, 36.5229, 45.6768



100.0540, 11.8054, 40.2946



69.5920, 2.1731, 2.9888



49.2200, 43.7685, 55.0581



3.5320, 3.1887, 3.9184

Previews

White Background



This preview shows how the YUV color 119.6240, -23.4786, -29.4882 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 119.6240, -23.4786, -29.4882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

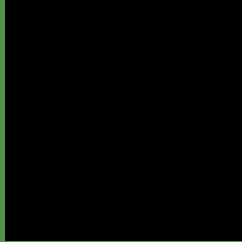
Any Text WCAG AA ✓ Pass

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 119.6240, -23.4786, -29.4882 Background



This preview shows how black text looks on a background with the YUV color 119.6240, -23.4786, -29.4882.



This preview shows how white text looks on a background with the YUV color 119.6240, -23.4786, -29.4882.

-29.4882.

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

119.6240, -23.4786, -29.4882

Protanopia

127.8900, -30.0188, 15.0055

Deuteranopia

129.6940, -25.9781, 25.7014



Tritanopia

127.8920, 10.4062, -24.4613

Trichromacy



Original Color

119.6240, -23.4786, -29.4882

Protanomaly

124.7740, -27.4966, -0.6788

Deuteranomaly

126.0890, -25.1869, 5.1839

Tritanomaly

124.9660, -1.9552, -26.2802

Monochromacy



Original Color

119.6240, -23.4786, -29.4882

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7570, -8.2612, -10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6240, -23.4786, -29.4882 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(86, 146, 72)` looks like.

```
.text, #text, p{  
    color:rgb(86, 146, 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(86, 146, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 146, 72) }
```

Border

The CSS property to change the border of an element to YUV 119.6240, -23.4786, -29.4882 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(86, 146, 72) }
```


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

```
.border{ border-color:rgb(86, 146, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 146, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 146, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 146, 72);  
box-shadow:4px 4px 4px 4px rgb(86, 146,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 119.6240, -23.4786, -29.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 146, 72) }
```

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

```
.background{ background-color: rgb(86, 146,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor