

Converting Colors

YUV(102.7570, -11.7122,
-23.4659)

Have a look what the booklet for
YUV(102.7570, -11.7122, -23.4659)
contains.

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Color

**YUV(102.7570, -11.7122,
-23.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	4C794F
RGB	76, 121, 79
RGB Percent	30%, 47%, 31%
CMY	0.7020, 0.5255, 0.6902
CMYK	0.37, 0.00, 0.35, 0.53
HSL	124°, 23%, 39%
HSV	124°, 37%, 47%
XYZ	11.2291, 15.7758, 9.8503
YIQ	102.7570, -13.3380, -22.6020

Conversions

Conversions Part 2

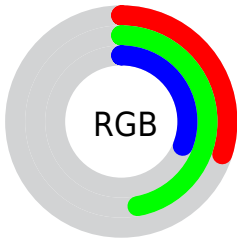
Format	Color
R_{YB}	76, 118, 121
Decimal	5011791
CIE _{Lab}	46.68, -24.83, 18.28
CIE _{LCh}	47, 30.832, 143.628
Yxy	15.7758, 0.3047, 0.4280
Android (android.graphics.Color)	4283201871 (0xFF4C794F)
YUV	102.7570, -11.7122, -23.4659
Hunter-Lab	39.7187, -19.0428, 13.0991

Details

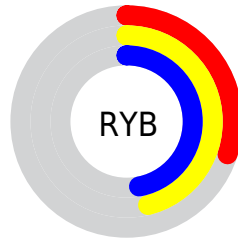
The YUV color **102.7570, -11.7122, -23.4659** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **94.2430, 11.7122, 23.4659**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7030, -13.1646, -24.2955**, and **54.2130, -9.9650, -23.8658** is the 20% darker color. If you saturate the color by 10%, you get **97.9150, -14.7481, -29.7435**, and if you desaturate by 10%, it is **107.5990, -8.6763, -17.1883**.

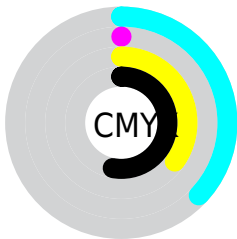
Distribution



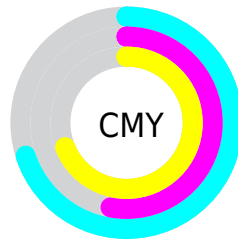
- Red (30%)
- Green (47%)
- Blue (31%)



- Red (30%)
- Yellow (46%)
- Blue (47%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (53%)



- Cyan (70%)
- Magenta (53%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.7570, -11.7122, -23.4659 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 102.7570, -11.7122, -23.4659 by changing the saturation by 10% instead.

■ 102.7570,
-11.7122, -23.4659

■ 102.7570,
-11.7122, -23.4659

■ 255.0000, 0.0000,
0.0000

■ 78.2840, -10.9860,
-23.0511

■ 154.7030,
-13.1646, -24.2955

■ 54.2130, -9.9650,
-23.8658

■ 181.4040,
-13.0172, -24.9103

■ 30.7290, -9.2334,
-25.1953

■ 208.9910,
-13.3066, -25.4251

■ 17.6100, -8.6817,
-15.4440

■ 235.7030,
-13.1646, -24.2955

■ 0.0000, 0.0000,
0.0000

■ 247.5660, -5.2090,
-9.2664

■ 102.7570,
-11.7122, -23.4659

■ 102.7570,
-11.7122, -23.4659

■ 97.9150, -14.7481,
-29.7435

■ 107.5990, -8.6763,
-17.1883

■ 92.9590, -18.2208,
-35.9210

■ 112.5550, -5.2036,
-11.0107

■ 88.1170, -21.2567,
-42.1986

■ 117.3970, -2.1677,
-4.7332

■ 83.2750, -24.2926,
-48.4762

■ 122.2390, 0.8682,
1.5444

■ 78.4330, -27.3285,
-54.7537

■ 127.3800, 3.7567,
8.4367

■ 73.1780, -30.6538,
-61.5461

■ 132.3360, 7.2294,
14.6143

■ 71.9390, -31.5219,
-63.0905

■ 137.1780, 10.2652,
20.8919

■ 142.0200, 13.3011,

27.1695

■ 146.9760, 16.7738,
33.3470

Harmonies

Analogous

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



106.2670, -21.8236, -0.2342



102.7570, -11.7122, -23.4659



95.7070, 4.0884, -51.4860

Triad

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



102.7570, -11.7122, -23.4659



103.6140, 28.7843, -39.1265



111.6310, -10.1711, 42.4196

Complementary

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



102.7570, -11.7122, -23.4659



94.2430, 11.7122, 23.4659

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.



112.8120, 2.0647, 37.8759



102.7570, -11.7122, -23.4659



111.6290, 22.8609, -5.8136

Square

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



102.7570, -11.7122, -23.4659



88.3550, 31.3770, -77.4873



113.8020, 13.9016, 21.2216



110.6550, -20.0429, 35.3826

Rectangle

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



102.7570, -11.7122, -23.4659



86.6960, 17.4049, -76.0324



113.8020, 13.9016, 21.2216



112.3690, -6.0979, 42.6494

Sweetspot

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



102.7570, -11.7122, -23.4659



151.0930, -4.4828, -8.8516



114.9730, -19.2137, 2.6547



74.8700, -2.8939, -5.1480



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.



102.7570, -11.7122, -23.4659



129.2470, -18.3628, -37.0506



105.2650, -2.1026, -25.6654



58.5220, -1.7363, -3.0888



74.2870, -32.6795, -65.1497



149.8620, -65.5010, -131.4290

Inverse Universe

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



94.2430, 11.7122, 23.4659



115.7530, 18.3628, 37.0506



91.7350, 2.1026, 25.6654



57.4780, 1.7363, 3.0888



50.7130, 32.6795, 65.1497



102.2520, 65.9378, 131.3290

Previews

White Background



This preview shows how the YUV color 102.7570, -11.7122, -23.4659 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 102.7570, -11.7122, -23.4659 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 102.7570, -11.7122, -23.4659 Background



This preview shows how black text looks on a background with the YUV color 102.7570, -11.7122, -23.4659.



This preview shows how white text looks on a background with the YUV color 102.7570, -11.7122, -23.4659.

-23.4659.

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

102.7570, -11.7122, -23.4659

Protanopia

108.5870, -17.0514, 9.1322

Deuteranopia

110.4400, -14.0209, 17.1541



Tritanopia

107.1700, 8.7902, -19.4431

Trichromacy



Original Color

102.7570, -11.7122, -23.4659

Protanomaly

106.3790, -14.9768, -2.9634

Deuteranomaly

107.2810, -12.9565, 2.3846

Tritanomaly

105.5090, 1.2281, -20.6174

Monochromacy



Original Color

102.7570, -11.7122, -23.4659

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.0930, -4.4828, -8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7570, -11.7122, -23.4659 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(76, 121, 79)` looks like.

```
.text, #text, p{  
    color:rgb(76, 121, 79)  
}
```

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(76, 121, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 121, 79) }
```

Border

The CSS property to change the border of an element to YUV 102.7570, -11.7122, -23.4659 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(76, 121, 79) }
```


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

```
.border{ border-color:rgb(76, 121, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 121, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 121, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 121, 79);  
box-shadow:4px 4px 4px 4px rgb(76, 121,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 102.7570, -11.7122, -23.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 121, 79) }
```

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

```
.background{ background-color: rgb(76, 121,  
79) }
```

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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