

Converting Colors

YUV(111.8870, -5.3673, -5.1629)

Have a look what the booklet for
YUV(111.8870, -5.3673, -5.1629)
contains.

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Color

**YUV(111.8870, -5.3673,
-5.1629)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7565
RGB	106, 117, 101
RGB Percent	42%, 46%, 40%
CMY	0.5843, 0.5412, 0.6039
CMYK	0.09, 0.00, 0.14, 0.54
HSL	101°, 7%, 43%
HSV	101°, 14%, 46%
XYZ	14.6541, 16.7263, 14.7681
YIQ	111.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

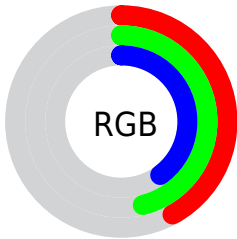
Format	Color
R_{YB}	101, 117, 112
Decimal	6976869
CIE Lab	47.91, -7.38, 7.44
CIE LCh	48, 10.477, 134.781
Yxy	16.7263, 0.3175, 0.3624
Android (android.graphics.Color)	4285166949 (0xFF6A7565)
YUV	111.8870, -5.3673, -5.1629
Hunter-Lab	40.8978, -7.6129, 7.2191

Details

The YUV color **111.8870, -5.3673, -5.1629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.1130, 5.3673, 5.1629**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4740, -5.6567, -5.6777**, and **64.3000, -5.0779, -4.6481** is the 20% darker color. If you saturate the color by 10%, you get **108.1270, -9.4296, -8.8814**, and if you desaturate by 10%, it is **115.6470, -1.3050, -1.4444**.

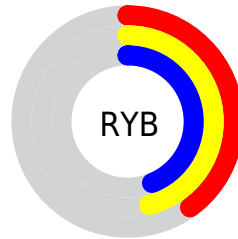
Distribution



Red (42%)

Green (46%)

Blue (40%)



Red (40%)

Yellow (46%)

Blue (44%)

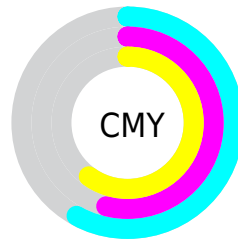


Cyan (9%)

Magenta (0%)

Yellow (14%)

Black (54%)



Cyan (58%)

Magenta (54%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8870, -5.3673, -5.1629 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 111.8870, -5.3673, -5.1629 by changing the saturation by 10% instead.

■ 111.8870, -5.3673,
-5.1629

■ 111.8870, -5.3673,
-5.1629

255.0000, 0.0000,
0.0000

■ 87.3000, -5.0779,
-4.6481

■ 163.4740, -5.6567,
-5.6777

■ 64.3000, -5.0779,
-4.6481

■ 190.4740, -5.6567,
-5.6777

■ 42.4140, -4.6411,
-4.7481

■ 218.3600, -6.0935,
-5.5777

■ 21.4850, -5.6621,
-3.9333

■ 246.9470, -6.3829,
-6.0925

■ 0.0000, 0.0000,
0.0000

■ 111.8870, -5.3673,

■ 111.8870, -5.3673,

-5.1629

-5.1629

■ 108.1270, -9.4296,
-8.8814

■ 115.6470, -1.3050,
-1.4444

■ 104.4810,
-13.0551, -12.6998

■ 119.2930, 2.3206,
2.3740

■ 100.7210,
-17.1175, -16.4183

■ 123.0530, 6.3829,
6.0925

■ 96.9610, -21.1798,
-20.1368

■ 126.8130, 10.4452,
9.8110

■ 93.3150, -24.8053,
-23.9553

■ 130.5730, 14.5075,
13.5295

■ 89.5550, -28.8676,
-27.6737

■ 134.2190, 18.1330,
17.3479

■ 85.7950, -32.9299,
-31.3922

■ 137.9790, 22.1954,
21.0664

■ 82.0350, -36.9923,
-35.1107

■ 141.7390, 26.2577,
24.7849

■ 79.7420, -39.3128,
-37.4847

■ 145.3850, 29.8832,
28.6034

Harmonies

Analogous

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



112.6600, -7.7204, 2.9292



111.8870, -5.3673, -5.1629



111.2820, -1.1250, -12.5253

Triad

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



111.8870, -5.3673, -5.1629



112.5130, 8.6211, -11.8509



115.7030, -2.8116, 15.1695

Complementary

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



111.8870, -5.3673, -5.1629



106.1130, 5.3673, 5.1629

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.



115.5330, 1.7092, 11.8106



111.8870, -5.3673, -5.1629



114.1550, 8.3046, -3.6439

Square

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



111.8870, -5.3673, -5.1629



111.1380, 7.3270, -16.7840



115.1130, 5.3673, 5.1629



114.7800, -6.3005, 14.2249

Rectangle

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



111.8870, -5.3673, -5.1629



110.7700, 2.0854, -15.5843



115.1130, 5.3673, 5.1629



115.7460, -1.3538, 14.2548

Sweetspot

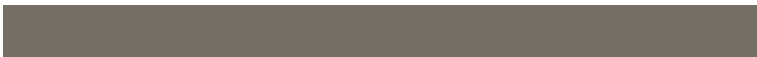
The Sweet Spot groups the original color and five complimentary colors.



111.8870, -5.3673, -5.1629



151.1200, -2.0312, -1.8592



112.2410, -5.5418, 4.1736



75.6470, -1.3050, -1.4444



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



111.8870, -5.3673, -5.1629



145.1810, -7.9772, -8.0517



110.7340, -3.3199, -8.5367



57.1200, -2.0312, -1.8592



82.9760, -40.9072, -39.4440



170.0720, -83.8455, -80.7471

Inverse Universe

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



106.1130, 5.3673, 5.1629



136.5200, 8.1246, 7.4370



107.2660, 3.3199, 8.5367



54.8800, 2.0312, 1.8592



39.0240, 40.9072, 39.4440



79.9280, 83.8455, 80.7471

Previews

White Background



This preview shows how the YUV color 111.8870, -5.3673, -5.1629 looks on a white background.

Color Contrast Check

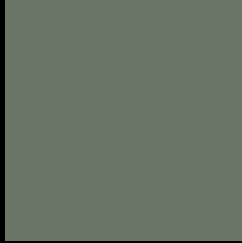
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.8870, -5.3673, -5.1629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

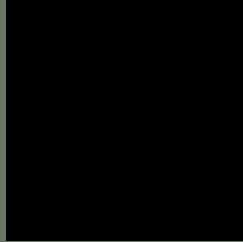
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

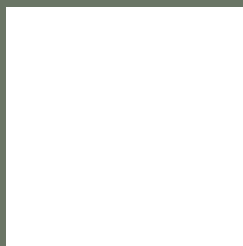
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 111.8870, -5.3673, -5.1629

Background



This preview shows how black text looks on a background with the YUV color 111.8870, -5.3673, -5.1629.



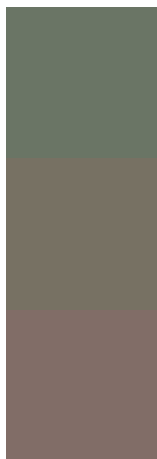
This preview shows how white text looks on a background with the YUV color 111.8870, -5.3673, -5.1629.

-5.1629.

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

111.8870, -5.3673, -5.1629

Protanopia

113.1980, -6.9996, 5.0884

Deuteranopia

114.2960, -5.5689, 12.8954



Tritanopia

113.5310, 4.6682, -3.9737

Trichromacy



Original Color

111.8870, -5.3673, -5.1629

Protanomaly

112.4040, -6.1152, 1.3997

Deuteranomaly

113.5510, -5.6946, 6.5328

Tritanomaly

112.9070, 1.0318, -4.3034

Monochromacy



Original Color

111.8870, -5.3673, -5.1629

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1200, -2.0312, -1.8592

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8870, -5.3673, -5.1629 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(106, 117, 101)` looks like.

```
.text, #text, p{  
    color:rgb(106, 117, 101)  
}
```

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(106, 117, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 117, 101) }
```

Border

The CSS property to change the border of an element to YUV 111.8870, -5.3673, -5.1629 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(106, 117, 101) }
```


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

```
.border{ border-color:rgb(106, 117, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 117, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 117, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 117, 101);  
box-shadow:4px 4px 4px 4px rgb(106, 117,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 111.8870, -5.3673, -5.1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 117, 101) }
```

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

```
.background{ background-color: rgb(106,  
117, 101) }
```

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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