

Converting Colors

YUV(111.3740, -0.6774,
-16.1140)

Have a look what the booklet for
YUV(111.3740, -0.6774, -16.1140)
contains.

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Color

**YUV(111.3740, -0.6774,
-16.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	5D796E
RGB	93, 121, 110
RGB Percent	36%, 47%, 43%
CMY	0.6353, 0.5255, 0.5686
CMYK	0.23, 0.00, 0.09, 0.53
HSL	156°, 13%, 42%
HSV	156°, 23%, 47%
XYZ	14.1660, 17.1277, 17.3112
YIQ	111.3740, -13.1570, -9.3570

Conversions

Conversions Part 2

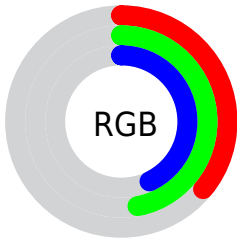
Format	Color
R_{YB}	93, 110, 121
Decimal	6125934
CIE _{Lab}	48.42, -12.58, 2.72
CIE _{LCh}	48, 12.868, 167.786
Yxy	17.1277, 0.2915, 0.3524
Android (android.graphics.Color)	4284316014 (0xFF5D796E)
YUV	111.3740, -0.6774, -16.1140
Hunter-Lab	41.3856, -11.3253, 4.1695

Details

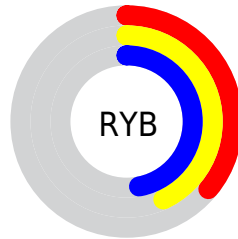
The YUV color $[111.3740, -0.6774, -16.1140]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[102.6260, 0.6774, 16.1140]$, and the grayscale version is $[111.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[163.0750, -0.5300, -16.7288]$, and $[63.2000, -0.0986, -15.0844]$ is the 20% darker color. If you saturate the color by 10%, you get $[107.2160, -1.0925, -22.9914]$, and if you desaturate by 10%, it is $[115.5320, -0.2623, -9.2366]$.

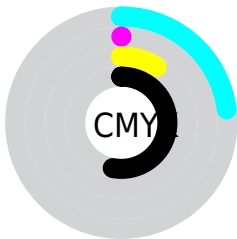
Distribution



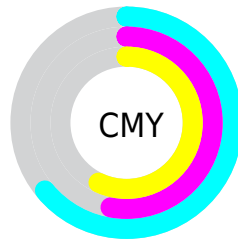
- Red (36%)
- Green (47%)
- Blue (43%)



- Red (36%)
- Yellow (43%)
- Blue (47%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3740, -0.6774, -16.1140 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 111.3740, -0.6774, -16.1140 by changing the saturation by 10% instead.

■ 111.3740, -0.6774,
-16.1140

■ 111.3740, -0.6774,
-16.1140

255.0000, 0.0000,
0.0000

■ 86.7870, -0.3880,
-15.5992

■ 163.0750, -0.5300,
-16.7288

■ 63.2000, -0.0986,
-15.0844

■ 190.3630, -0.6720,
-17.8584

■ 41.2000, -0.0986,
-15.0844

■ 218.2490, -1.1088,
-17.7584

■ 19.6020, 0.1962,
-16.3140

■ 245.1890, -0.0932,
-16.8288

■ 0.0000, 0.0000,
0.0000

■ 111.3740, -0.6774,

■ 111.3740, -0.6774,

-16.1140

■ 107.2160, -1.0925,
-22.9914

■ 103.0580, -1.5076,
-29.8689

■ 99.0140, -1.4859,
-36.8463

■ 94.8560, -1.9010,
-43.7237

■ 90.3990, -2.1687,
-51.2159

■ 86.2410, -2.5838,
-58.0934

■ 82.1970, -2.5621,
-65.0708

■ 79.3490, -3.1301,
-69.5891

-16.1140

■ 115.5320, -0.2623,
-9.2366

■ 119.6900, 0.1528,
-2.3591

■ 123.7340, 0.1311,
4.6183

■ 127.8920, 0.5462,
11.4957

■ 132.0500, 0.9613,
18.3731

■ 136.5070, 1.2290,
25.8654

■ 140.5510, 1.2074,
32.8428

■ 144.7090, 1.6225,
39.7202

 148.8670, 2.0376,
46.5976

Harmonies

Analogous

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



112.3490, -6.0881, -7.3221



111.3740, -0.6774, -16.1140



110.8340, 5.0118, -20.9024

Triad

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



111.3740, -0.6774, -16.1140



115.6110, 10.0518, -4.0438



115.6340, -8.2006, 16.9840

Complementary

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



111.3740, -0.6774, -16.1140



102.6260, 0.6774, 16.1140

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.



117.0840, -3.9854, 18.3433



111.3740, -0.6774, -16.1140



116.7650, 6.5249, 7.2221

Square

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



111.3740, -0.6774, -16.1140



113.1860, 11.2473, -14.1951



117.1420, 1.4090, 14.7845



115.3190, -10.5103, 11.1212

Rectangle

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



111.3740, -0.6774, -16.1140



111.3330, 8.2168, -22.2170



117.1420, 1.4090, 14.7845



116.5740, -7.1850, 17.9136

Sweetspot

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



111.3740, -0.6774, -16.1140



154.2550, -0.1257, -6.3626



112.7250, -9.7244, -7.6518



76.9780, 0.0108, -3.4887



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.



111.3740, -0.6774, -16.1140



142.9060, -0.9397, -25.3506



110.8670, 4.9956, -15.6694



58.9780, 0.0108, -3.4887



82.0390, -2.9772, -71.9482



165.3660, -6.0964, -145.0260

Inverse Universe

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



102.6260, 0.6774, 16.1140



129.0940, 0.9397, 25.3506



103.1330, -4.9956, 15.6694



57.0220, -0.0108, 3.4887



42.9610, 2.9772, 71.9482



86.6340, 6.0964, 145.0260

Previews

White Background



This preview shows how the YUV color 111.3740, -0.6774, -16.1140 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 111.3740, -0.6774, -16.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

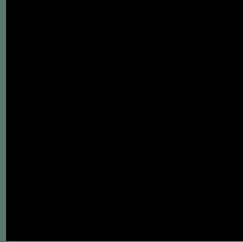
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.3740, -0.6774, -16.1140

Background



This preview shows how black text looks on a background with the YUV color 111.3740, -0.6774, -16.1140.



This preview shows how white text looks on a background with the YUV color 111.3740, -0.6774,

-16.1140.

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

111.3740, -0.6774, -16.1140

Protanopia

114.5830, -4.2314, 3.8737

Deuteranopia

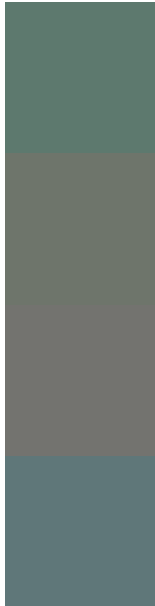
115.8980, -1.9217, 9.7365



Tritanopia

112.5620, 7.6109, -14.5249

Trichromacy



Original Color

111.3740, -0.6774, -16.1140

Protanomaly

113.7670, -3.3361, -3.3037

Deuteranomaly

114.5440, -1.7472, 0.3999

Tritanomaly

112.0520, 4.4114, -14.9546

Monochromacy



Original Color

111.3740, -0.6774, -16.1140

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3740, -0.6774, -16.1140 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(93, 121, 110)` looks like.

```
.text, #text, p{  
    color:rgb(93, 121, 110)  
}
```

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(93, 121, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 121, 110) }
```

Border

The CSS property to change the border of an element to YUV 111.3740, -0.6774, -16.1140 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(93, 121, 110) }
```


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

```
.border{ border-color:rgb(93, 121, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 121, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 121, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 121, 110);  
box-shadow:4px 4px 4px 4px rgb(93, 121,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 111.3740, -0.6774, -16.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 121, 110) }
```

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

```
.background{ background-color: rgb(93, 121,  
110) }
```

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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