

Converting Colors

YUV(107.0370, 0.4748,
-12.3104)

Have a look what the booklet for
YUV(107.0370, 0.4748, -12.3104)
contains.

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Color

**YUV(107.0370, 0.4748,
-12.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	5D726C
RGB	93, 114, 108
RGB Percent	36%, 45%, 42%
CMY	0.6353, 0.5529, 0.5765
CMYK	0.18, 0.00, 0.05, 0.55
HSL	163°, 10%, 41%
HSV	163°, 18%, 45%
XYZ	13.2383, 15.4445, 16.4707
YIQ	107.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

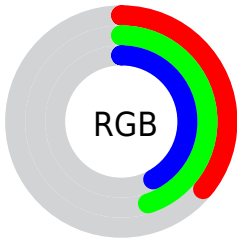
Format	Color
R_{YB}	93, 105, 114
Decimal	6124140
CIE Lab	46.24, -9.08, 0.74
CIE LCh	46, 9.114, 175.340
Yxy	15.4445, 0.2932, 0.3420
Android (android.graphics.Color)	4284314220 (0xFF5D726C)
YUV	107.0370, 0.4748, -12.3104
Hunter-Lab	39.2995, -8.6452, 2.6608

Details

The YUV color $107.0370, 0.4748, -12.3104$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $99.9630, -0.4748, 12.3104$, and the grayscale version is $107.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $158.6240, 0.1854, -12.8252$, and $59.7490, 0.6167, -11.1809$ is the 20% darker color. If you saturate the color by 10%, you get $103.4060, 0.7858, -18.7731$, and if you desaturate by 10%, it is $110.6680, 0.1637, -5.8478$.

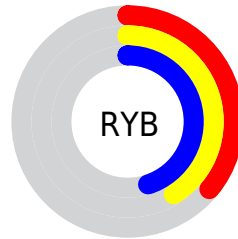
Distribution



Red (36%)

Green (45%)

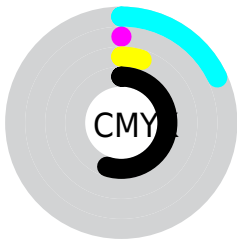
Blue (42%)



Red (36%)

Yellow (41%)

Blue (45%)

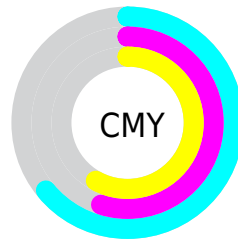


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (55%)



Cyan (64%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0370, 0.4748, -12.3104 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 107.0370, 0.4748, -12.3104 by changing the saturation by 10% instead.

■ 107.0370, 0.4748,
-12.3104

■ 107.0370, 0.4748,
-12.3104

■ 255.0000, 0.0000,
0.0000

■ 82.4500, 0.7642,
-11.7956

■ 158.6240, 0.1854,
-12.8252

■ 59.7490, 0.6167,
-11.1809

■ 185.3250, 0.3328,
-13.4400

■ 37.7490, 0.6167,
-11.1809

■ 213.3250, 0.3328,
-13.4400

■ 16.1400, 0.9170,
-14.1548

■ 241.3250, 0.3328,
-13.4400

■ 0.0000, 0.0000,
0.0000

■ 254.7010, 0.1474,
-0.6148

■ 107.0370, 0.4748,
-12.3104

■ 107.0370, 0.4748,
-12.3104

■ 103.4060, 0.7858,
-18.7731

■ 110.6680, 0.1637,
-5.8478

■ 99.3620, 0.8075,
-25.7505

■ 114.7120, 0.1420,
1.1296

■ 95.7310, 1.1186,
-32.2131

■ 118.3430, -0.1691,
7.5922

■ 91.8010, 1.5771,
-39.2905

■ 122.2730, -0.6276,
14.6696

■ 88.1700, 1.8882,
-45.7531

■ 125.9040, -0.9387,
21.1322

■ 84.4250, 1.7625,
-52.1157

■ 129.6490, -0.8130,
27.4948

■ 80.4950, 2.2210,
-59.1931

■ 133.5790, -1.2714,
34.5722

■ 76.8640, 2.5320,

■ 137.2100, -1.5825,

-65.6557

41.0348

■ 76.1520, 2.3901,
-66.7853

■ 141.1400, -2.0410,
48.1122

Harmonies

Analogous

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



107.7450, -3.3253, -6.7924



107.0370, 0.4748, -12.3104



107.0520, 4.4114, -14.9546

Triad

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



107.0370, 0.4748, -12.3104



110.3080, 6.2572, -0.2701



110.0570, -6.4371, 11.3510

Complementary

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



107.0370, 0.4748, -12.3104



99.9630, -0.4748, 12.3104

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.



111.0510, -3.9691, 13.1103



107.0370, 0.4748, -12.3104



110.9560, 3.4727, 6.1776

Square

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



107.0370, 0.4748, -12.3104



109.3070, 7.7366, -8.1622



110.7780, 0.1094, 11.5957



109.6820, -7.7312, 6.4179

Rectangle

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



107.0370, 0.4748, -12.3104



107.2200, 6.3005, -14.2249



110.7780, 0.1094, 11.5957



110.8830, -5.8583, 12.3806

Sweetspot

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



107.0370, 0.4748, -12.3104



144.9670, 0.0163, -5.2331



107.1210, -6.9617, -7.1221



72.2770, -0.1366, -2.8739



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



107.0370, 0.4748, -12.3104



137.1070, 0.9332, -19.3878



105.3730, 4.2531, -10.8511



53.9780, 0.0108, -3.4887



80.2440, 2.8377, -70.3740



165.1670, 5.8337, -144.8515

Inverse Universe

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



99.9630, -0.4748, 12.3104



126.0070, -0.4965, 19.2879



101.6270, -4.2531, 10.8511



52.0220, -0.0108, 3.4887



39.7560, -2.8377, 70.3740



81.9470, -5.3969, 144.7515

Previews

White Background



This preview shows how the YUV color 107.0370, 0.4748, -12.3104 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 107.0370, 0.4748, -12.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

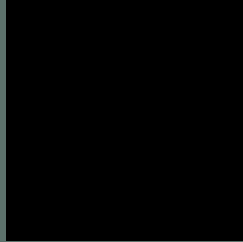
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0370, 0.4748, -12.3104

Background



This preview shows how black text looks on a background with the YUV color 107.0370, 0.4748, -12.3104.



This preview shows how white text looks on a background with the YUV color 107.0370, 0.4748,

-12.3104.

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

107.0370, 0.4748, -12.3104

Protanopia

109.4410, -2.1894, 2.2442

Deuteranopia

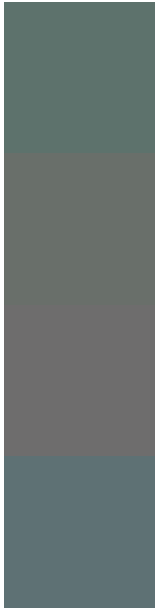
110.6420, -0.3165, 8.2070



Tritanopia

107.9430, 6.4371, -11.3510

Trichromacy



Original Color

107.0370, 0.4748, -12.3104

Protanomaly

108.6360, -1.2995, -3.1888

Deuteranomaly

109.2990, -0.1474, 0.6148

Tritanomaly

107.6610, 4.1111, -11.9807

Monochromacy



Original Color

107.0370, 0.4748, -12.3104

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0370, 0.4748, -12.3104 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, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(93, 114, 108)  
}
```

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, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 114, 108) }
```

Border

The CSS property to change the border of an element to YUV 107.0370, 0.4748, -12.3104 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, 114, 108) }
```


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

```
.border{ border-color:rgb(93, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(93, 114,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 107.0370, 0.4748, -12.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 114, 108) }
```

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

```
.background{ background-color: rgb(93, 114,  
108) }
```

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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