

Converting Colors

YUV(70.3790, 11.6452,
-48.5674)

Have a look what the booklet for
YUV(70.3790, 11.6452, -48.5674)
contains.

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Color

**YUV(70.3790, 11.6452,
-48.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	0F5E5E
RGB	15, 94, 94
RGB Percent	6%, 37%, 37%
CMY	0.9412, 0.6314, 0.6314
CMYK	0.84, 0.00, 0.00, 0.63
HSL	180°, 72%, 21%
HSV	180°, 84%, 37%
XYZ	6.2201, 8.9151, 11.9826
YIQ	70.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

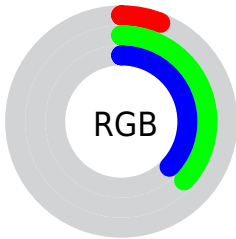
Format	Color
R_{YB}	15, 55, 94
Decimal	1007198
CIE _{Lab}	35.82, -21.87, -6.50
CIE _{LCh}	36, 22.817, 196.545
Yxy	8.9151, 0.2294, 0.3288
Android (android.graphics.Color)	4279197278 (0xFF0F5E5E)
YUV	70.3790, 11.6452, -48.5674
Hunter-Lab	29.8582, -15.0666, -2.8934

Details

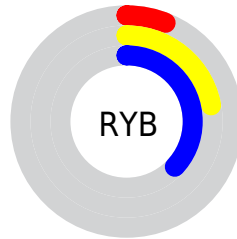
The YUV color **70.3790, 11.6452, -48.5674** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **38.6210, -11.6452, 48.5674**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.2550, 9.7343, -42.3196**, and **33.0610, 7.3649, -28.9945** is the 20% darker color. If you saturate the color by 10%, you get **67.6880, 12.9718, -54.1004**, and if you desaturate by 10%, it is **73.0700, 10.3185, -43.0344**.

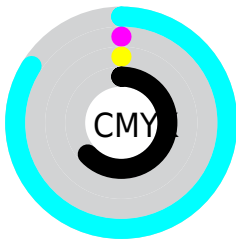
Distribution



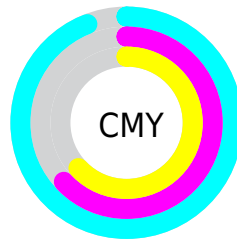
- Red (6%)
- Green (37%)
- Blue (37%)



- Red (6%)
- Yellow (22%)
- Blue (37%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (94%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.3790, 11.6452, -48.5674 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 70.3790, 11.6452, -48.5674 by changing the saturation by 10% instead.

70.3790, 11.6452,
-48.5674

70.3790, 11.6452,
-48.5674

255.0000, 0.0000,
0.0000

49.0700, 10.3185,
-43.0344

124.2550, 9.7343,
-42.3196

33.0610, 7.3649,
-28.9945

150.6680, 10.0237,
-41.8048

19.5140, 3.6906,
-17.1138

178.2550, 9.7343,
-42.3196

0.0000, 0.0000,
0.0000

205.9560, 9.8817,
-42.9344

234.0700, 10.3185,
-43.0344

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

70.3790, 11.6452,
-48.5674

70.3790, 11.6452,
-48.5674

67.6880, 12.9718,
-54.1004

73.0700, 10.3185,
-43.0344

65.8940, 13.8563,
-57.7890

76.0600, 8.8444,
-36.8866

78.7510, 7.5178,
-31.3536

81.7410, 6.0437,
-25.2059

84.4320, 4.7170,
-19.6729

■ 87.1230, 3.3904,
-14.1399

■ 90.1130, 1.9163,
-7.9921

■ 92.8040, 0.5896,
-2.4591

■ 95.7940, -0.8844,
3.6887

Harmonies

Analogous

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



75.6990, -0.3446, -29.5540



70.3790, 11.6452, -48.5674



69.5340, 19.9497, -52.2113

Triad

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



70.3790, 11.6452, -48.5674



86.6390, 11.0240, 10.8406



83.6420, -17.0785, 17.8540

Complementary

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



70.3790, 11.6452, -48.5674



38.6210, -11.6452, 48.5674

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.



84.8480, -12.7431, 27.3203



70.3790, 11.6452, -48.5674



86.6640, 3.1236, 24.8507

Square

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



70.3790, 11.6452, -48.5674



84.4130, 17.0514, -9.1322



85.5200, -5.1864, 30.2390



81.7820, -16.1615, 3.6992

Rectangle

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



70.3790, 11.6452, -48.5674



75.7360, 20.3432, -38.3565



85.5200, -5.1864, 30.2390



83.8920, -16.2158, 21.1427

Sweetspot

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



70.3790, 11.6452, -48.5674



113.0300, 4.4222, -18.4433



61.3730, -22.8619, -40.6691



55.6180, 2.6533, -11.0660



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



70.3790, 11.6452, -48.5674



85.5220, 17.9837, -75.0028



47.4860, 22.9314, -28.4902



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Inverse Universe

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



47.6270, 22.8619, 40.6691



50.3860, 35.3057, 62.8055



62.1010, -23.2208, 27.9754



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 70.3790, 11.6452, -48.5674 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 ✓ Pass

Black Background



This preview shows how the YUV color 70.3790, 11.6452, -48.5674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

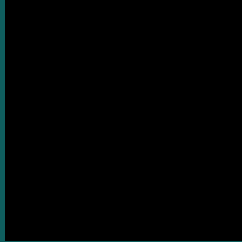
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.3790, 11.6452, -48.5674

Background



This preview shows how black text looks on a background with the YUV color 70.3790, 11.6452, -48.5674.



This preview shows how white text looks on a background with the YUV color 70.3790, 11.6452,

-48.5674.

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

70.3790, 11.6452, -48.5674

Protanopia

84.4560, 1.7472, -0.3999

Deuteranopia

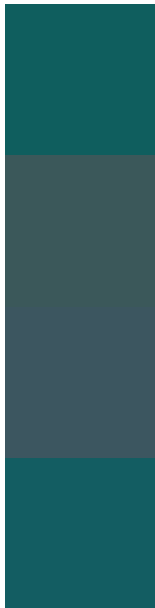
84.9060, 5.9623, 0.9594



Tritanopia

72.6830, 13.9603, -44.4490

Trichromacy



Original Color

70.3790, 11.6452, -48.5674

Protanomaly

79.5570, 5.1484, -18.0285

Deuteranomaly

79.3660, 8.2006, -16.9840

Tritanomaly

71.4440, 13.0921, -45.9934

Monochromacy



Original Color

70.3790, 11.6452, -48.5674

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.3290, 4.2748, -17.8285

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.3790, 11.6452, -48.5674 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(15, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(15, 94, 94)  
}
```

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(15, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 94, 94) }
```

Border

The CSS property to change the border of an element to YUV 70.3790, 11.6452, -48.5674 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(15, 94, 94) }
```


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

```
.border{ border-color:rgb(15, 94, 94) }
```

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

Here you see how a box with a 4 pixel rgb(15, 94, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(15, 94, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.3790, 11.6452, -48.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 94, 94) }
```

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

```
.background{ background-color: rgb(15, 94,  
94) }
```

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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