

Converting Colors

YUV(71.6930, 15.4344,
-50.5968)

Have a look what the booklet for
YUV(71.6930, 15.4344, -50.5968)
contains.

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Color

**YUV(71.6930, 15.4344,
-50.5968)**

Conversions

Conversions Part 1

Format	Color
Hex	0E5F67
RGB	14, 95, 103
RGB Percent	5%, 37%, 40%
CMY	0.9451, 0.6275, 0.5961
CMYK	0.86, 0.08, 0.00, 0.60
HSL	185°, 76%, 23%
HSV	185°, 86%, 40%
XYZ	6.7215, 9.2571, 14.2645
YIQ	71.6930, -50.8440, -14.6840

Conversions

Conversions Part 2

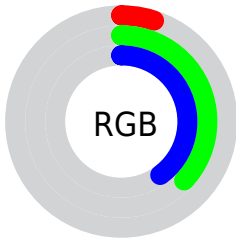
Format	Color
R_{YB}	14, 56, 103
Decimal	941927
CIE _{Lab}	36.47, -19.42, -11.10
CIE _{LCh}	36, 22.368, 209.762
Yxy	9.2571, 0.2222, 0.3061
Android (android.graphics.Color)	4279132007 (0xFF0E5F67)
YUV	71.6930, 15.4344, -50.5968
Hunter-Lab	30.4254, -13.8107, -6.4994

Details

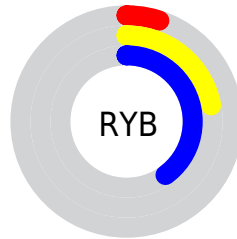
The YUV color **71.6930, 15.4344, -50.5968** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **45.3070, -15.4344, 50.5968**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2810, 13.6655, -43.2194**, and **34.5600, 10.5699, -30.3091** is the 20% darker color. If you saturate the color by 10%, you get **68.1160, 17.1978, -56.2297**, and if you desaturate by 10%, it is **75.2700, 13.6709, -44.9638**.

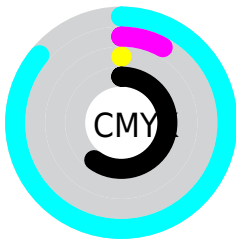
Distribution



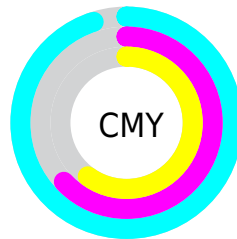
- Red (5%)
- Green (37%)
- Blue (40%)



- Red (5%)
- Yellow (22%)
- Blue (40%)



- Cyan (86%)
- Magenta (8%)
- Yellow (0%)
- Black (60%)



- Cyan (95%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6930, 15.4344, -50.5968 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 71.6930, 15.4344, -50.5968 by changing the saturation by 10% instead.

71.6930, 15.4344,
-50.5968

71.6930, 15.4344,
-50.5968

255.0000, 0.0000,
0.0000

50.6830, 13.9603,
-44.4490

126.2810, 13.6655,
-43.2194

34.5600, 10.5699,
-30.3091

152.6940, 13.9549,
-42.7046

21.0130, 6.8956,
-18.4284

180.2810, 13.6655,
-43.2194

1.3680, 5.2416,
-1.1997

208.3950, 14.1023,
-43.3194

0.0000, 0.0000,
0.0000

234.6680, 10.0237,
-41.8048

243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

71.6930, 15.4344,
-50.5968

71.6930, 15.4344,
-50.5968

68.1160, 17.1978,
-56.2297

75.2700, 13.6709,
-44.9638

66.9200, 17.7874,
-58.6888

79.1460, 11.7600,
-38.7160

82.7230, 9.9966,
-33.0831

86.3000, 8.2331,
-27.4501

90.1760, 6.3222,
-21.2024

■ 93.7530, 4.5588,
-15.5694

■ 96.7430, 3.0847,
-9.4216

■ 100.3200, 1.3212,
-3.7886

■ 104.1960, -0.5896,
2.4591

Harmonies

Analogous

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



75.6210, 4.6238, -36.5016



71.6930, 15.4344, -50.5968



75.8990, 19.7698, -41.1304

Triad

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



71.6930, 15.4344, -50.5968



88.1730, 7.8027, 17.3883



84.8970, -17.2042, 11.4913

Complementary

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



71.6930, 15.4344, -50.5968



45.3070, -15.4344, 50.5968

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.



85.5440, -15.0582, 23.2019



71.6930, 15.4344, -50.5968



87.7630, -0.3762, 27.3948

Square

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



71.6930, 15.4344, -50.5968



87.1970, 14.6929, 0.7042



86.5970, -8.6753, 29.2944



82.6070, -14.1033, -3.1633

Rectangle

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



71.6930, 15.4344, -50.5968



80.9870, 19.7264, -27.1756



86.5970, -8.6753, 29.2944



85.2180, -17.3625, 15.5948

Sweetspot

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



71.6930, 15.4344, -50.5968



122.7740, 6.0274, -19.9728



67.0410, -22.6982, -46.5170



61.5470, 3.6743, -11.8807



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



71.6930, 15.4344, -50.5968



87.5910, 23.3726, -76.8173



45.8650, 28.1676, -27.9456



49.5050, 0.7370, -3.0739



74.1580, 20.1351, -65.0366



156.7280, 42.0391, -137.4505

Inverse Universe

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



49.8450, 22.2614, 46.6169



54.3870, 33.8262, 70.6976



71.1350, -28.1676, 27.9456



48.0650, 1.4470, 2.5740



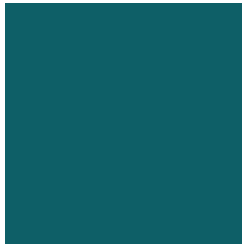
46.2410, 28.4752, 60.3016



97.4380, 60.4231, 126.7809

Previews

White Background



This preview shows how the YUV color 71.6930, 15.4344, -50.5968 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 71.6930, 15.4344, -50.5968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

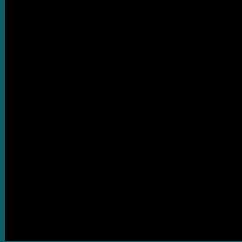
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.6930, 15.4344, -50.5968

Background



This preview shows how black text looks on a background with the YUV color 71.6930, 15.4344, -50.5968.



This preview shows how white text looks on a background with the YUV color 71.6930, 15.4344,

-50.5968.

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

71.6930, 15.4344, -50.5968

Protanopia

85.9550, 4.9522, -1.7145

Deuteranopia

86.3940, 9.1728, -2.0995



Tritanopia

71.6930, 15.4344, -50.5968

Trichromacy



Original Color

71.6930, 15.4344, -50.5968

Protanomaly

81.1700, 8.7902, -19.4431

Deuteranomaly

81.1530, 11.2636, -19.4282

Tritanomaly

71.6930, 15.4344, -50.5968

Monochromacy



Original Color

71.6930, 15.4344, -50.5968

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6710, 5.5852, -18.1285

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6930, 15.4344, -50.5968 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(14, 95, 103)` looks like.

```
.text, #text, p{  
    color:rgb(14, 95, 103)  
}
```

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(14, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 95, 103) }
```

Border

The CSS property to change the border of an element to YUV 71.6930, 15.4344, -50.5968 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(14, 95, 103) }
```


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

```
.border{ border-color:rgb(14, 95, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 95, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(14, 95,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 71.6930, 15.4344, -50.5968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 95, 103) }
```

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

```
.background{ background-color: rgb(14, 95,  
103) }
```

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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