

Converting Colors

YUV(70.1880, 11.7393, 14.7441)

Have a look what the booklet for
YUV(70.1880, 11.7393, 14.7441)
contains.

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Color

**YUV(70.1880, 11.7393,
14.7441)**

Conversions

Conversions Part 1

Format	Color
Hex	57395E
RGB	87, 57, 94
RGB Percent	34%, 22%, 37%
CMY	0.6588, 0.7765, 0.6314
CMYK	0.07, 0.39, 0.00, 0.63
HSL	289°, 25%, 30%
HSV	289°, 39%, 37%
XYZ	7.4140, 5.7606, 11.3108
YIQ	70.1880, 6.0030, 17.8670

Conversions

Conversions Part 2

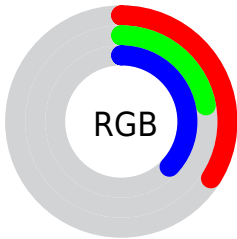
Format	Color
RYB	87, 57, 94
Decimal	5716318
CIELab	28.80, 20.53, -16.78
CIELCh	29, 26.513, 320.749
Yxy	5.7606, 0.3028, 0.2353
Android (android.graphics.Color)	4283906398 (0xFF57395E)
YUV	70.1880, 11.7393, 14.7441
Hunter-Lab	24.0013, 13.1361, -11.1400

Details

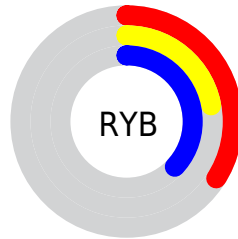
The YUV color **70.1880, 11.7393, 14.7441** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **80.8120, -11.7393, -14.7441**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4270, 12.6075, 16.2885**, and **25.6500, 11.0186, 12.5850** is the 20% darker color. If you saturate the color by 10%, you get **64.3070, 14.6386, 18.1478**, and if you desaturate by 10%, it is **76.0690, 8.8400, 11.3405**.

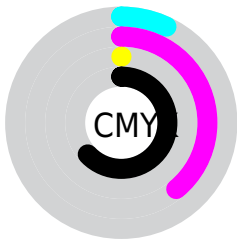
Distribution



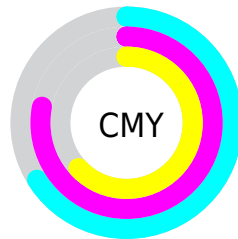
- Red (34%)
- Green (22%)
- Blue (37%)



- Red (34%)
- Yellow (22%)
- Blue (37%)



- Cyan (7%)
- Magenta (39%)
- Yellow (0%)
- Black (63%)



- Cyan (66%)
- Magenta (78%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.1880, 11.7393, 14.7441 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 70.1880, 11.7393, 14.7441 by changing the saturation by 10% instead.

70.1880, 11.7393,
14.7441

70.1880, 11.7393,
14.7441

255.0000, 0.0000,
0.0000

47.3620, 11.1605,
13.7145

119.4270, 12.6075,
16.2885

25.6500, 11.0186,
12.5850

144.8400, 12.8969,
16.8033

9.0580, 8.8454,
9.5961

171.2530, 13.1863,
17.3181

0.0000, 0.0000,
0.0000

198.6660, 13.4757,
17.8329

227.0790, 13.7651,
18.3477

245.6080, 4.6303,

■ 70.1880, 11.7393,
14.7441

■ 70.1880, 11.7393,
14.7441

■ 64.3070, 14.6386,
18.1478

■ 76.0690, 8.8400,
11.3405

■ 57.8390, 17.8274,
22.0662

■ 82.5370, 5.6513,
7.4221

■ 52.2570, 20.5793,
26.0846

■ 88.1190, 2.8993,
3.4036

■ 45.7890, 23.7680,
30.0030

■ 94.5870, -0.2894,
-0.5148

■ 39.9080, 26.6674,
33.4067

■ 100.4680, -3.1887,
-3.9184

■ 34.0270, 29.5667,
36.8103

■ 106.3490, -6.0881,
-7.3221

■ 33.4400, 29.8561,
37.3251

■ 112.5180, -9.1294,
-11.8553

■ 118.3990,
-12.0287, -15.2589

■ 124.8670,
-15.2174, -19.1774

Harmonies

Analogous

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



67.8800, 18.7932, -7.7878



70.1880, 11.7393, 14.7441



69.2840, 2.8180, 29.5689

Triad

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



70.1880, 11.7393, 14.7441



66.6480, -19.5465, 16.0947



55.1340, 13.2449, -48.3525

Complementary

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



70.1880, 11.7393, 14.7441



80.8120, -11.7393, -14.7441

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.



52.7400, 4.0722, -46.2530



70.1880, 11.7393, 14.7441



64.6030, -18.0453, 1.2252

Square

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



70.1880, 11.7393, 14.7441



67.5770, -15.0745, 28.4350



61.8440, -10.2761, -17.4032



55.8980, 21.2493, -49.0225

Rectangle

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



70.1880, 11.7393, 14.7441



68.5850, -3.7394, 32.8130



61.8440, -10.2761, -17.4032



54.3360, 10.1874, -47.6527

Sweetspot

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



70.1880, 11.7393, 14.7441



113.1840, 4.3463, 5.9776



65.3270, 14.1358, -7.3028



56.0050, 2.4625, 3.5036



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.



70.1880, 11.7393, 14.7441



85.5510, 17.9694, 23.1958



71.0270, 5.9027, 20.1473



42.7660, 1.5944, 1.9592



39.1510, 34.9286, 43.7176



84.4260, 75.2190, 94.3424

Inverse Universe

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



68.8610, -2.3965, 22.0469



83.2970, -3.5974, 33.9425



79.9730, -5.9027, -20.1473



42.6090, -0.3002, 2.9739



35.2840, -7.0420, 65.5259



75.9930, -15.2795, 141.2031

Previews

White Background



This preview shows how the YUV color 70.1880, 11.7393, 14.7441 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 70.1880, 11.7393, 14.7441 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 70.1880, 11.7393, 14.7441

Background



This preview shows how black text looks on a background with the YUV color 70.1880, 11.7393, 14.7441.

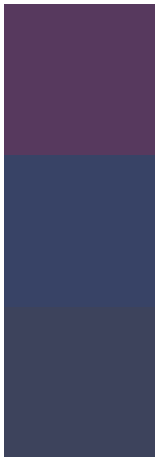


This preview shows how white text looks on a background with the YUV color 70.1880, 11.7393,

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

70.1880, 11.7393, 14.7441

Protanopia

67.7010, 16.9094, -10.2618

Deuteranopia

68.0560, 11.8044, -6.1881



Tritanopia

69.4360, -1.2009, 11.8956

Trichromacy



Original Color

70.1880, 11.7393, 14.7441

Protanomaly

68.3000, 15.1351, -1.1401

Deuteranomaly

68.5130, 12.0721, 1.3041

Tritanomaly

69.7010, 3.5984, 12.5402

Monochromacy



Original Color

70.1880, 11.7393, 14.7441

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8850, 4.4937, 5.3629

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.1880, 11.7393, 14.7441 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(87, 57, 94)` looks like.

```
.text, #text, p{  
    color:rgb(87, 57, 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(87, 57, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 57, 94) }
```

Border

The CSS property to change the border of an element to YUV 70.1880, 11.7393, 14.7441 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(87, 57, 94) }
```


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

```
.border{ border-color:rgb(87, 57, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 57, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 57, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 57, 94);  
box-shadow:4px 4px 4px 4px rgb(87, 57, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.1880, 11.7393, 14.7441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 57, 94) }
```

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

```
.background{ background-color: rgb(87, 57,  
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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