

Converting Colors

YUV(70.0740, 11.3025, 14.8441)

Have a look what the booklet for
YUV(70.0740, 11.3025, 14.8441)
contains.

YUV(70.0740, 11.3025, 14.8441)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(70.0740, 11.3025,
14.8441)**

Conversions

Conversions Part 1

Format	Color
Hex	57395D
RGB	87, 57, 93
RGB Percent	34%, 22%, 36%
CMY	0.6588, 0.7765, 0.6353
CMYK	0.06, 0.39, 0.00, 0.64
HSL	290°, 24%, 29%
HSV	290°, 39%, 36%
XYZ	7.3694, 5.7428, 11.0760
YIQ	70.0740, 6.3240, 17.5560

Conversions

Conversions Part 2

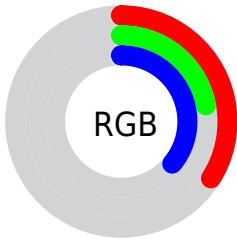
Format	Color
R_{YB}	87, 57, 93
Decimal	5716317
CIE _{Lab}	28.75, 20.30, -16.20
CIE _{LCh}	29, 25.973, 321.411
Yxy	5.7428, 0.3047, 0.2374
Android (android.graphics.Color)	4283906397 (0xFF57395D)
YUV	70.0740, 11.3025, 14.8441
Hunter-Lab	23.9642, 12.9546, -10.6283

Details

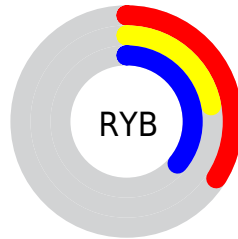
The YUV color **70.0740, 11.3025, 14.8441** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.9260, -11.3025, -14.8441**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1990, 11.7339, 16.4885**, and **25.5360, 10.5818, 12.6849** is the 20% darker color. If you saturate the color by 10%, you get **64.1930, 14.2019, 18.2477**, and if you desaturate by 10%, it is **75.9550, 8.4032, 11.4405**.

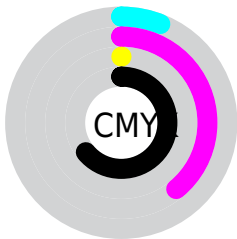
Distribution



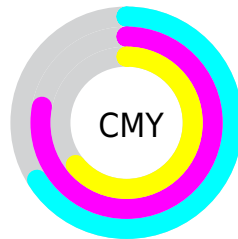
- Red (34%)
- Green (22%)
- Blue (36%)



- Red (34%)
- Yellow (22%)
- Blue (36%)



- Cyan (6%)
- Magenta (39%)
- Yellow (0%)
- Black (64%)



- Cyan (66%)
- Magenta (78%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0740, 11.3025, 14.8441 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 70.0740, 11.3025, 14.8441 by changing the saturation by 10% instead.

■ 70.0740, 11.3025,
14.8441

■ 70.0740, 11.3025,
14.8441

■ 255.0000, 0.0000,
0.0000

■ 47.2480, 10.7237,
13.8145

■ 119.1990, 11.7339,
16.4885

■ 25.5360, 10.5818,
12.6849

■ 144.7260, 12.4601,
16.9033

■ 8.9440, 8.4086,
9.6961

■ 171.1390, 12.7495,
17.4181

■ 0.0000, 0.0000,
0.0000

■ 198.5520, 13.0389,
17.9329

■ 226.9650, 13.3283,
18.4477

■ 245.6080, 4.6303,

8.2368

■ 70.0740, 11.3025,
14.8441

■ 70.0740, 11.3025,
14.8441

■ 64.1930, 14.2019,
18.2477

■ 75.9550, 8.4032,
11.4405

■ 58.0240, 17.2432,
22.7810

■ 82.1240, 5.3619,
6.9073

■ 52.1430, 20.1425,
26.1846

■ 88.0050, 2.4625,
3.5036

■ 46.5610, 22.8944,
30.2030

■ 93.5870, -0.2894,
-0.5148

■ 40.6800, 25.7938,
33.6066

■ 100.0550, -3.4781,
-4.4332

■ 34.5110, 28.8351,
38.1399

■ 105.6370, -6.2300,
-8.4516

■ 33.9240, 29.1245,
38.6547

■ 111.5180, -9.1294,
-11.8553

■ 117.1000,
-11.8813, -15.8737

■ 123.5680,
-15.0700, -19.7921

Harmonies

Analogous

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



68.0650, 18.2090, -7.0730



70.0740, 11.3025, 14.8441



69.4580, 2.2392, 28.5393

Triad

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



70.0740, 11.3025, 14.8441



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.



70.0740, 11.3025, 14.8441



79.9260, -11.3025, -14.8441

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.



53.0390, 3.9248, -45.6382



70.0740, 11.3025, 14.8441



64.7170, -17.6085, 1.1252

Square

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



70.0740, 11.3025, 14.8441



67.2780, -14.9271, 27.8202



61.3710, -9.5499, -16.9884



55.8980, 21.2493, -49.0225

Rectangle

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



70.0740, 11.3025, 14.8441



68.5850, -3.7394, 32.8130



61.3710, -9.5499, -16.9884



54.3360, 10.1874, -47.6527

Sweetspot

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



70.0740, 11.3025, 14.8441



110.2980, 4.7831, 5.8777



64.6260, 13.9884, -6.6880



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.



70.0740, 11.3025, 14.8441



85.0240, 17.2432, 22.7810



70.5000, 5.1765, 19.7325



42.7660, 1.5944, 1.9592



39.7490, 34.6337, 44.9471



86.2200, 74.3345, 98.0311

Inverse Universe

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



68.4480, -2.6859, 21.5321



82.4710, -4.1762, 32.9129



79.5000, -5.1765, -19.7325



42.6090, -0.3002, 2.9739



34.9420, -8.3524, 65.8259



75.4230, -17.4635, 141.7030

Previews

White Background



This preview shows how the YUV color 70.0740, 11.3025, 14.8441 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 70.0740, 11.3025, 14.8441 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 70.0740, 11.3025, 14.8441

Background



This preview shows how black text looks on a background with the YUV color 70.0740, 11.3025, 14.8441.



This preview shows how white text looks on a background with the YUV color 70.0740, 11.3025,

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

70.0740, 11.3025, 14.8441

Protanopia

67.8860, 16.3252, -9.5470

Deuteranopia

68.2410, 11.2202, -5.4734



Tritanopia

68.8490, -0.9116, 12.4104

Trichromacy



Original Color

70.0740, 11.3025, 14.8441

Protanomaly

68.4850, 14.5509, -0.4253

Deuteranomaly

68.6980, 11.4879, 2.0189

Tritanomaly

69.0000, 3.4510, 13.1550

Monochromacy



Original Color

70.0740, 11.3025, 14.8441

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.7710, 4.0569, 5.4628

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0740, 11.3025, 14.8441 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(87, 57, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 57, 93) }
```

Border

The CSS property to change the border of an element to YUV 70.0740, 11.3025, 14.8441 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, 93) }
```


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

```
.border{ border-color:rgb(87, 57, 93) }
```

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, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 57, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 57, 93);  
box-shadow:4px 4px 4px 4px rgb(87, 57, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.0740, 11.3025, 14.8441 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, 93) }
```

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

```
.background{ background-color: rgb(87, 57,  
93) }
```

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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