

Converting Colors

YUV(70.4860, 13.0714, 7.4668)

Have a look what the booklet for
YUV(70.4860, 13.0714, 7.4668)
contains.

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Color

**YUV(70.4860, 13.0714,
7.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	4F3D61
RGB	79, 61, 97
RGB Percent	31%, 24%, 38%
CMY	0.6902, 0.7608, 0.6196
CMYK	0.19, 0.37, 0.00, 0.62
HSL	270°, 23%, 31%
HSV	270°, 37%, 38%
XYZ	7.0509, 5.8628, 12.0693
YIQ	70.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

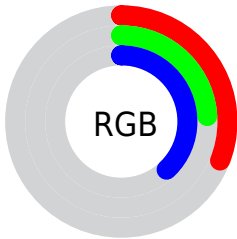
Format	Color
R_YB	79, 61, 97
Decimal	5193057
CIE Lab	29.06, 15.85, -18.38
CIE LCh	29, 24.268, 310.776
Yxy	5.8628, 0.2822, 0.2347
Android (android.graphics.Color)	4283383137 (0xFF4F3D61)
YUV	70.4860, 13.0714, 7.4668
Hunter-Lab	24.2133, 9.6057, -12.6043

Details

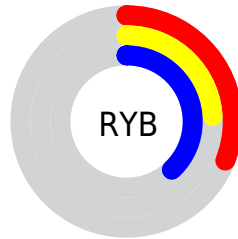
The YUV color **70.4860, 13.0714, 7.4668** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.5140, -13.0714, -7.4668**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4260, 14.0870, 8.3964**, and **26.1330, 11.7664, 6.0224** is the 20% darker color. If you saturate the color by 10%, you get **63.1210, 16.7023, 9.5409**, and if you desaturate by 10%, it is **77.8510, 9.4405, 5.3927**.

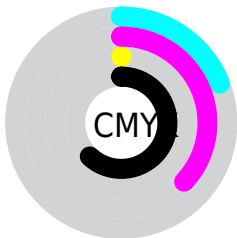
Distribution



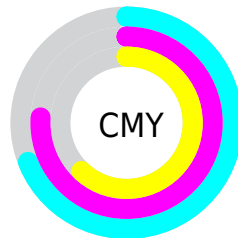
- Red (31%)
- Green (24%)
- Blue (38%)



- Red (31%)
- Yellow (24%)
- Blue (38%)



- Cyan (19%)
- Magenta (37%)
- Yellow (0%)
- Black (62%)



- Cyan (69%)
- Magenta (76%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4860, 13.0714, 7.4668 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 70.4860, 13.0714, 7.4668 by changing the saturation by 10% instead.

■ 70.4860, 13.0714,
7.4668

■ 70.4860, 13.0714,
7.4668

■ 255.0000, 0.0000,
0.0000

■ 47.9590, 12.3452,
7.0520

■ 119.4260, 14.0870,
8.3964

■ 26.1330, 11.7664,
6.0224

■ 144.8390, 14.3764,
8.9112

■ 6.7090, 11.4825,
3.7632

■ 171.3660, 15.1026,
9.3260

■ 0.0000, 0.0000,
0.0000

■ 198.7790, 15.3920,
9.8408

■ 226.4370, 14.0816,
10.1408

■ 248.5430, 3.1833,

5.6628

■ 70.4860, 13.0714,
7.4668

■ 70.4860, 13.0714,
7.4668

■ 63.1210, 16.7023,
9.5409

■ 77.8510, 9.4405,
5.3927

■ 56.3430, 20.0439,
11.1002

■ 84.6290, 6.0989,
3.8334

■ 48.9780, 23.6748,
13.1743

■ 91.9940, 2.4680,
1.7593

■ 41.9120, 27.1584,
15.8632

■ 99.0600, -1.0156,
-0.9296

■ 34.5470, 30.7893,
17.9373

■ 106.4250, -4.6465,
-3.0037

■ 27.7690, 34.1309,
19.4966

■ 113.2030, -7.9881,
-4.5630

■ 25.7090, 35.1465,
20.4262

■ 120.5680,
-11.6190, -6.6371

■ 127.9330,
-15.2500, -8.7112

■ 134.7110,
-18.5915, -10.2705

Harmonies

Analogous

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



66.8360, 18.8149, -14.7652



70.4860, 13.0714, 7.4668



70.5220, 5.1657, 23.2212

Triad

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



70.4860, 13.0714, 7.4668



67.6530, -17.0839, 19.5983



54.3360, 10.1874, -47.6527

Complementary

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



70.4860, 13.0714, 7.4668



87.5140, -13.0714, -7.4668

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.



59.6560, -1.8024, -28.6393



70.4860, 13.0714, 7.4668



66.4510, -17.4773, 5.7435

Square

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



70.4860, 13.0714, 7.4668



68.7880, -11.7275, 28.2499



63.7310, -12.1924, -9.4111



55.6870, 17.9023, -48.8375

Rectangle

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



70.4860, 13.0714, 7.4668



69.7740, -0.3816, 29.1392



63.7310, -12.1924, -9.4111



53.5380, 7.1298, -46.9528

Sweetspot

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



70.4860, 13.0714, 7.4668



114.6890, 5.0833, 2.9037



75.6700, 10.5157, -12.8656



57.5210, 3.1941, 2.1741



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



70.4860, 13.0714, 7.4668



83.7560, 20.3333, 11.6150



75.8680, 10.4181, 18.5328



45.0540, 1.4524, 0.8296



29.5120, 40.6666, 23.2300



63.2400, 87.1427, 49.7785

Inverse Universe

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



73.8160, 2.5557, 20.3324



88.9360, 3.9756, 31.6281



82.1320, -10.4181, -18.5328



45.4240, 0.2840, 2.2592



39.8720, 7.9511, 63.2563



85.4400, 17.0381, 135.5491

Previews

White Background



This preview shows how the YUV color 70.4860, 13.0714, 7.4668 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 70.4860, 13.0714, 7.4668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

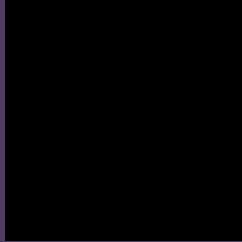
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4860, 13.0714, 7.4668

Background



This preview shows how black text looks on a background with the YUV color 70.4860, 13.0714, 7.4668.



This preview shows how white text looks on a background with the YUV color 70.4860, 13.0714,

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

70.4860, 13.0714, 7.4668

Protanopia

68.5870, 16.4726, -10.1618

Deuteranopia

68.8000, 13.4096, -7.7176



Tritanopia

69.2610, 0.8573, 5.0331

Trichromacy



Original Color

70.4860, 13.0714, 7.4668

Protanomaly

68.9900, 15.2879, -3.4992

Deuteranomaly

69.1320, 13.2459, -1.8698

Tritanomaly

69.4120, 5.2199, 5.7777

Monochromacy



Original Color

70.4860, 13.0714, 7.4668

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2760, 4.7939, 2.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4860, 13.0714, 7.4668 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(79, 61, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 61, 97)  
}
```

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(79, 61, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 61, 97) }
```

Border

The CSS property to change the border of an element to YUV 70.4860, 13.0714, 7.4668 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(79, 61, 97) }
```


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

```
.border{ border-color:rgb(79, 61, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 61, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 61, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 61, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 61, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.4860, 13.0714, 7.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 61, 97) }
```

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

```
.background{ background-color: rgb(79, 61,  
97) }
```

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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