

Converting Colors

YUV(70.6660, 10.0247, 4.6779)

Have a look what the booklet for
YUV(70.6660, 10.0247, 4.6779)
contains.

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Color

**YUV(70.6660, 10.0247,
4.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	4C405B
RGB	76, 64, 91
RGB Percent	30%, 25%, 36%
CMY	0.7020, 0.7490, 0.6431
CMYK	0.16, 0.30, 0.00, 0.64
HSL	267°, 17%, 30%
HSV	267°, 30%, 36%
XYZ	6.7022, 5.9586, 10.6944
YIQ	70.6660, -1.5150, 10.9410

Conversions

Conversions Part 2

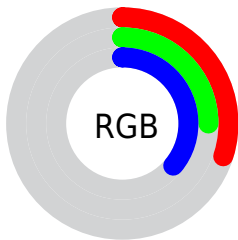
Format	Color
R_{YB}	76, 64, 91
Decimal	4997211
CIE Lab	29.31, 11.28, -14.16
CIE LCh	29, 18.101, 308.530
Yxy	5.9586, 0.2870, 0.2551
Android (android.graphics.Color)	4283187291 (0xFF4C405B)
YUV	70.6660, 10.0247, 4.6779
Hunter-Lab	24.4103, 6.2919, -8.8884

Details

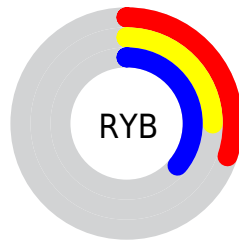
The YUV color **70.6660, 10.0247, 4.6779** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **84.3340, -10.0247, -4.6779**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1930, 10.7509, 5.0927**, and **26.7260, 9.0091, 3.7483** is the 20% darker color. If you saturate the color by 10%, you get **63.8880, 13.3662, 6.2372**, and if you desaturate by 10%, it is **77.4440, 6.6831, 3.1186**.

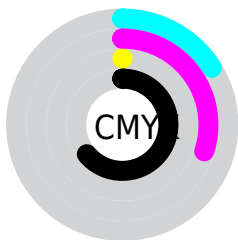
Distribution



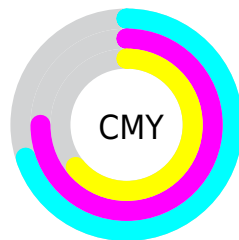
- Red (30%)
- Green (25%)
- Blue (36%)



- Red (30%)
- Yellow (25%)
- Blue (36%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (64%)



- Cyan (70%)
- Magenta (75%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6660, 10.0247, 4.6779 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 70.6660, 10.0247, 4.6779 by changing the saturation by 10% instead.

■ 70.6660, 10.0247,
4.6779

■ 70.6660, 10.0247,
4.6779

■ 255.0000, 0.0000,
0.0000

■ 48.1390, 9.2985,
4.2631

■ 119.1930, 10.7509,
5.0927

■ 26.7260, 9.0091,
3.7483

■ 144.7200, 11.4770,
5.5076

■ 4.9430, 9.8881,
1.8040

■ 171.1330, 11.7664,
6.0224

■ 0.0000, 0.0000,
0.0000

■ 199.1330, 11.7664,
6.0224

■ 226.5460, 12.0558,
6.5372

■ 250.3040, 2.3151,

4.1184

■ 70.6660, 10.0247,
4.6779

■ 70.6660, 10.0247,
4.6779

■ 63.8880, 13.3662,
6.2372

■ 77.4440, 6.6831,
3.1186

■ 57.1100, 16.7078,
7.7965

■ 84.2220, 3.3416,
1.5593

■ 50.3320, 20.0493,
9.3558

■ 91.0000, 0.0000,
0.0000

■ 43.5540, 23.3909,
10.9151

■ 97.7780, -3.3416,
-1.5593

■ 36.7760, 26.7324,
12.4744

■ 105.1430, -6.9725,
-3.6334

■ 29.4110, 30.3634,
14.5486

■ 111.9210,
-10.3141, -5.1927

■ 22.6330, 33.7049,
16.1079

■ 118.6990,
-13.6556, -6.7520

■ 22.3340, 33.8523,
15.4931

■ 125.4770,
-16.9972, -8.3113

■ 132.5540,
-20.4861, -9.2559

Harmonies

Analogous

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



68.3050, 14.1466, -10.7915



70.6660, 10.0247, 4.6779



71.2500, 4.3137, 16.4438

Triad

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



70.6660, 10.0247, 4.6779



69.0700, -12.8525, 15.7246



61.2950, 5.7706, -30.9537

Complementary

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



70.6660, 10.0247, 4.6779



84.3340, -10.0247, -4.6779

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.



63.7820, -2.8505, -19.1028



70.6660, 10.0247, 4.6779



67.6020, -13.1148, 6.4880

Square

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



70.6660, 10.0247, 4.6779



69.5530, -8.6536, 22.3170



65.8500, -9.2930, -6.0074



60.0970, 12.7702, -36.0421

Rectangle

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



70.6660, 10.0247, 4.6779



70.4310, -0.2125, 21.5470



65.8500, -9.2930, -6.0074



62.2200, 2.8495, -27.3799

Sweetspot

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



70.6660, 10.0247, 4.6779



109.3360, 3.7784, 1.4593



75.8830, 7.4527, -10.4214



53.6950, 2.6154, 1.1445



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



70.6660, 10.0247, 4.6779



85.4690, 15.5448, 7.4817



74.5530, 8.1084, 12.6700



42.1680, 1.8892, 0.7297



27.1910, 40.8248, 19.1265



58.4130, 88.0434, 40.8568

Inverse Universe

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



73.7830, 2.5720, 15.0993



90.2940, 4.2921, 23.4212



80.4470, -8.1084, -12.6700



42.8370, 0.5734, 2.7740



39.8440, 10.4299, 61.5268



85.9110, 22.7219, 132.5051

Previews

White Background



This preview shows how the YUV color 70.6660, 10.0247, 4.6779 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 70.6660, 10.0247, 4.6779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

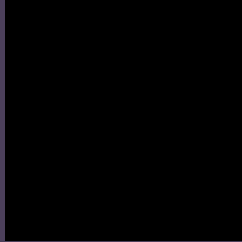
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6660, 10.0247, 4.6779

Background



This preview shows how black text looks on a background with the YUV color 70.6660, 10.0247, 4.6779.

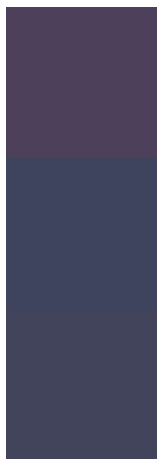


This preview shows how white text looks on a background with the YUV color 70.6660, 10.0247,

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

70.6660, 10.0247, 4.6779

Protanopia

69.1700, 12.2412, -6.2881

Deuteranopia

69.6110, 10.0518, -4.0438



Tritanopia

70.0650, 1.4470, 2.5740

Trichromacy



Original Color

70.6660, 10.0247, 4.6779

Protanomaly

69.9640, 11.3567, -2.5994

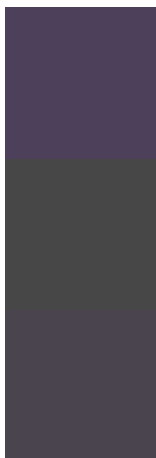
Deuteranomaly

70.2200, 9.7515, -1.0699

Tritanomaly

70.5750, 4.6465, 3.0037

Monochromacy



Original Color

70.6660, 10.0247, 4.6779

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6660, 10.0247, 4.6779 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(76, 64, 91)` looks like.

```
.text, #text, p{  
    color:rgb(76, 64, 91)  
}
```

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(76, 64, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 64, 91) }
```

Border

The CSS property to change the border of an element to YUV 70.6660, 10.0247, 4.6779 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(76, 64, 91) }
```


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

```
.border{ border-color:rgb(76, 64, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 64, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 64, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 64, 91);  
box-shadow:4px 4px 4px 4px rgb(76, 64, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.6660, 10.0247, 4.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 64, 91) }
```

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

```
.background{ background-color: rgb(76, 64,  
91) }
```

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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