

Converting Colors

YUV(71.9770, 11.3503,
-47.3378)

Have a look what the booklet for
YUV(71.9770, 11.3503, -47.3378)
contains.

YUV(71.9770, 11.3503, -47.3378)	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(71.9770, 11.3503,
-47.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	125F5F
RGB	18, 95, 95
RGB Percent	7%, 37%, 37%
CMY	0.9294, 0.6275, 0.6275
CMYK	0.81, 0.00, 0.00, 0.63
HSL	180°, 68%, 22%
HSV	180°, 81%, 37%
XYZ	6.4072, 9.1392, 12.2528
YIQ	71.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

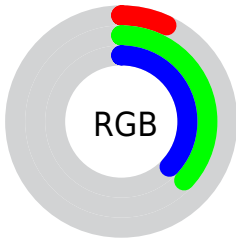
Format	Color
R_{YB}	18, 57, 95
Decimal	1204063
CIE _{Lab}	36.25, -21.73, -6.47
CIE _{LCh}	36, 22.671, 196.582
Yxy	9.1392, 0.2305, 0.3288
Android (android.graphics.Color)	4279394143 (0xFF125F5F)
YUV	71.9770, 11.3503, -47.3378
Hunter-Lab	30.2312, -15.0731, -2.8687

Details

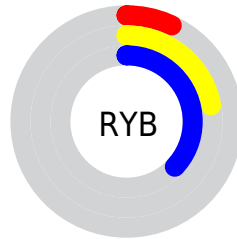
The YUV color **71.9770, 11.3503, -47.3378** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **41.0230, -11.3503, 47.3378**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2550, 9.7343, -42.3196**, and **33.7620, 7.5123, -29.6093** is the 20% darker color. If you saturate the color by 10%, you get **68.9870, 12.8244, -53.4856**, and if you desaturate by 10%, it is **74.9670, 9.8763, -41.1901**.

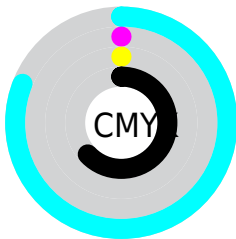
Distribution



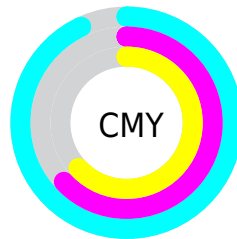
- Red (7%)
- Green (37%)
- Blue (37%)



- Red (7%)
- Yellow (22%)
- Blue (37%)



- Cyan (81%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (93%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.9770, 11.3503, -47.3378 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 71.9770, 11.3503, -47.3378 by changing the saturation by 10% instead.

■ 71.9770, 11.3503,
-47.3378

■ 71.9770, 11.3503,
-47.3378

■ 255.0000, 0.0000,
0.0000

■ 49.7710, 10.4659,
-43.6492

■ 125.2550, 9.7343,
-42.3196

■ 33.7620, 7.5123,
-29.6093

■ 152.2550, 9.7343,
-42.3196

■ 20.2150, 3.8380,
-17.7286

■ 179.2550, 9.7343,
-42.3196

■ 0.0000, 0.0000,
0.0000

■ 207.2550, 9.7343,
-42.3196

■ 234.6680, 10.0237,
-41.8048

■ 243.0400, 5.8963,

-24.5911

252.0100, 1.4741,
-6.1478

71.9770, 11.3503,
-47.3378

71.9770, 11.3503,
-47.3378

68.9870, 12.8244,
-53.4856

74.9670, 9.8763,
-41.1901

66.5950, 14.0037,
-58.4038

77.6580, 8.5496,
-35.6571

80.6480, 7.0755,
-29.5093

83.3390, 5.7489,
-23.9763

86.3290, 4.2748,
-17.8285

■ 89.0200, 2.9481,
-12.2955

■ 92.0100, 1.4741,
-6.1478

■ 94.7010, 0.1474,
-0.6148

■ 97.6910, -1.3267,
5.5330

Harmonies

Analogous

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



76.9980, -0.4920, -28.9392



71.9770, 11.3503, -47.3378



71.4310, 19.5075, -50.3670

Triad

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



71.9770, 11.3503, -47.3378



87.6390, 11.0240, 10.8406



84.3430, -16.9311, 17.2392

Complementary

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



71.9770, 11.3503, -47.3378



41.0230, -11.3503, 47.3378

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.



85.8480, -12.7431, 27.3203



71.9770, 11.3503, -47.3378



87.6640, 3.1236, 24.8507

Square

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



71.9770, 11.3503, -47.3378



85.4130, 17.0514, -9.1322



86.5200, -5.1864, 30.2390



82.7820, -16.1615, 3.6992

Rectangle

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



71.9770, 11.3503, -47.3378



77.0350, 20.1957, -37.7417



86.5200, -5.1864, 30.2390



84.8920, -16.2158, 21.1427

Sweetspot

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



71.9770, 11.3503, -47.3378



113.3290, 4.2748, -17.8285



63.1990, -22.2831, -39.6395



55.6180, 2.6533, -11.0660



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.



71.9770, 11.3503, -47.3378



86.7180, 17.3940, -72.5437



49.6710, 22.3472, -27.7755



46.8040, 0.5896, -2.4591



78.5120, 16.5096, -68.8550



168.2400, 35.3777, -147.5465

Inverse Universe

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



49.8010, 22.2831, 39.6395



52.7340, 34.1481, 60.7463



63.9160, -22.6366, 27.2607



45.6520, 1.1576, 2.0592



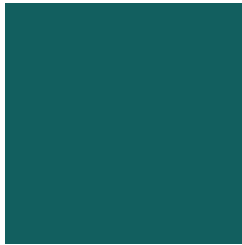
46.2560, 32.4118, 57.6575



99.1200, 69.4538, 123.5518

Previews

White Background



This preview shows how the YUV color 71.9770, 11.3503, -47.3378 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 71.9770, 11.3503, -47.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

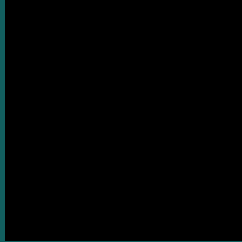
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.9770, 11.3503, -47.3378

Background



This preview shows how black text looks on a background with the YUV color 71.9770, 11.3503, -47.3378.



This preview shows how white text looks on a background with the YUV color 71.9770, 11.3503,

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

71.9770, 11.3503, -47.3378

Protanopia

85.4560, 1.7472, -0.3999

Deuteranopia

85.9060, 5.9623, 0.9594



Tritanopia

73.9820, 13.8129, -43.8342

Trichromacy



Original Color

71.9770, 11.3503, -47.3378

Protanomaly

80.8560, 5.0010, -17.4137

Deuteranomaly

80.6650, 8.0532, -16.3692

Tritanomaly

73.0420, 12.7973, -44.7638

Monochromacy



Original Color

71.9770, 11.3503, -47.3378

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6280, 4.1274, -17.2138

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.9770, 11.3503, -47.3378 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(18, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(18, 95, 95)  
}
```

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(18, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 95, 95) }
```

Border

The CSS property to change the border of an element to YUV 71.9770, 11.3503, -47.3378 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(18, 95, 95) }
```


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

```
.border{ border-color:rgb(18, 95, 95) }
```

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

Here you see how a box with a 4 pixel rgb(18, 95, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(18, 95, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.9770, 11.3503, -47.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 95, 95) }
```

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

```
.background{ background-color: rgb(18, 95,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor