

Converting Colors

YUV(66.6780, 11.4977,
-47.9526)

Have a look what the booklet for
YUV(66.6780, 11.4977, -47.9526)
contains.

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Color

**YUV(66.6780, 11.4977,
-47.9526)**

Conversions

Conversions Part 1

Format	Color
Hex	0C5A5A
RGB	12, 90, 90
RGB Percent	5%, 35%, 35%
CMY	0.9529, 0.6471, 0.6471
CMYK	0.87, 0.00, 0.00, 0.65
HSL	180°, 76%, 20%
HSV	180°, 87%, 35%
XYZ	5.6532, 8.1287, 10.9439
YIQ	66.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

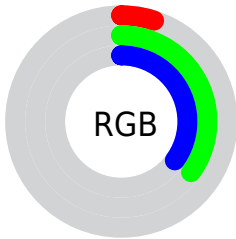
Format	Color
R_{YB}	12, 51, 90
Decimal	809562
CIE Lab	34.25, -21.42, -6.35
CIE LCh	34, 22.340, 196.520
Yxy	8.1287, 0.2286, 0.3288
Android (android.graphics.Color)	4278999642 (0xFF0C5A5A)
YUV	66.6780, 11.4977, -47.9526
Hunter-Lab	28.5108, -14.5002, -2.8009

Details

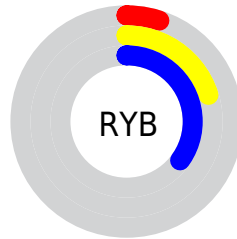
The YUV color **66.6780, 11.4977, -47.9526** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **35.3220, -11.4977, 47.9526**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9670, 9.8763, -41.1901**, and **30.9580, 6.9227, -27.1502** is the 20% darker color. If you saturate the color by 10%, you get **63.9870, 12.8244, -53.4856**, and if you desaturate by 10%, it is **69.3690, 10.1711, -42.4196**.

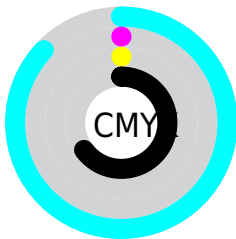
Distribution



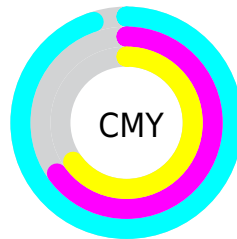
- Red (5%)
- Green (35%)
- Blue (35%)



- Red (5%)
- Yellow (20%)
- Blue (35%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.6780, 11.4977, -47.9526 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 66.6780, 11.4977, -47.9526 by changing the saturation by 10% instead.

■ 66.6780, 11.4977,
-47.9526

■ 66.6780, 11.4977,
-47.9526

■ 255.0000, 0.0000,
0.0000

■ 46.3800, 10.1657,
-40.6753

■ 119.9670, 9.8763,
-41.1901

■ 30.9580, 6.9227,
-27.1502

■ 146.8530, 9.4395,
-41.0901

■ 16.8240, 3.5378,
-14.7546

■ 173.8530, 9.4395,
-41.0901

■ 0.0000, 0.0000,
0.0000

■ 201.5540, 9.5869,
-41.7049

■ 230.2550, 9.7343,
-42.3196

■ 241.8440, 6.4859,

-27.0502

250.5150, 2.2111,
-9.2217

66.6780, 11.4977,
-47.9526

66.6780, 11.4977,
-47.9526

63.9870, 12.8244,
-53.4856

69.3690, 10.1711,
-42.4196

63.0900, 13.2666,
-55.3299

72.0600, 8.8444,
-36.8866

74.7510, 7.5178,
-31.3536

77.4420, 6.1911,
-25.8206

80.1330, 4.8644,
-20.2876

■ 82.8240, 3.5378,
-14.7546

■ 85.5150, 2.2111,
-9.2217

■ 88.2060, 0.8844,
-3.6887

■ 90.8970, -0.4422,
1.8443

Harmonies

Analogous

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



72.1120, -0.0552, -29.0392



66.6780, 11.4977, -47.9526



65.8330, 19.8023, -51.5965

Triad

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



66.6780, 11.4977, -47.9526



82.6390, 11.0240, 10.8406



80.0440, -16.7837, 16.6244

Complementary

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



66.6780, 11.4977, -47.9526



35.3220, -11.4977, 47.9526

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.



81.2500, -12.4482, 26.0907



66.6780, 11.4977, -47.9526



82.9520, 2.9817, 23.7211

Square

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



66.6780, 11.4977, -47.9526



80.5980, 16.4672, -8.4174



81.8080, -5.3283, 29.1094



78.4830, -16.0141, 3.0844

Rectangle

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



66.6780, 11.4977, -47.9526



72.0350, 20.1957, -37.7417



81.8080, -5.3283, 29.1094



80.5930, -16.0683, 20.5279

Sweetspot

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



66.6780, 11.4977, -47.9526



108.0300, 4.4222, -18.4433



57.7860, -22.5725, -40.1543



53.3190, 2.8007, -11.6808



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.



66.6780, 11.4977, -47.9526



82.0170, 17.2466, -71.9289



43.7850, 22.7840, -27.8754



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Inverse Universe

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



44.2140, 22.5725, 40.1543



48.3210, 33.8587, 60.2315



58.2150, -22.7840, 27.8754



43.0650, 1.4470, 2.5740



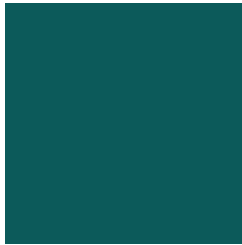
45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 66.6780, 11.4977, -47.9526 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 66.6780, 11.4977, -47.9526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

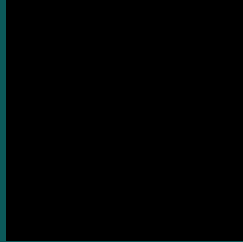
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.6780, 11.4977, -47.9526

Background



This preview shows how black text looks on a background with the YUV color 66.6780, 11.4977, -47.9526.



This preview shows how white text looks on a background with the YUV color 66.6780, 11.4977, -47.9526.

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

66.6780, 11.4977, -47.9526

Protanopia

80.7550, 1.5998, 0.2149

Deuteranopia

80.9060, 5.9623, 0.9594



Tritanopia

69.1670, 13.2287, -43.1195

Trichromacy



Original Color

66.6780, 11.4977, -47.9526

Protanomaly

75.8560, 5.0010, -17.4137

Deuteranomaly

75.6650, 8.0532, -16.3692

Tritanomaly

68.0420, 12.7973, -44.7638

Monochromacy



Original Color

66.6780, 11.4977, -47.9526

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6280, 4.1274, -17.2138

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.6780, 11.4977, -47.9526 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(12, 90, 90)` looks like.

```
.text, #text, p{  
    color:rgb(12, 90, 90)  
}
```

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(12, 90, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 90, 90) }
```

Border

The CSS property to change the border of an element to YUV 66.6780, 11.4977, -47.9526 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(12, 90, 90) }
```


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

```
.border{ border-color:rgb(12, 90, 90) }
```

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

Here you see how a box with a 4 pixel rgb(12, 90, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 90, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 90, 90);  
box-shadow:4px 4px 4px 4px rgb(12, 90, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.6780, 11.4977, -47.9526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 90, 90) }
```

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

```
.background{ background-color: rgb(12, 90,  
90) }
```

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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