

Converting Colors

YUV(47.1790, -8.4692, -36.9910)

Have a look what the booklet for
YUV(47.1790, -8.4692, -36.9910)
contains.

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Color

**YUV(47.1790, -8.4692,
-36.9910)**

Conversions

Conversions Part 1

Format	Color
Hex	05481E
RGB	5, 72, 30
RGB Percent	2%, 28%, 12%
CMY	0.9804, 0.7176, 0.8824
CMYK	0.93, 0.00, 0.58, 0.72
HSL	142°, 87%, 15%
HSV	142°, 93%, 28%
XYZ	2.6143, 4.7607, 2.0094
YIQ	47.1790, -26.4500, -27.2660

Conversions

Conversions Part 2

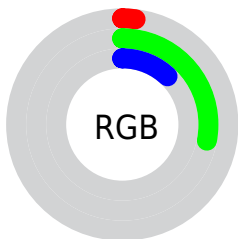
Format	Color
RYB	5, 54, 72
Decimal	346142
CIELab	26.04, -30.29, 19.63
CIELCh	26, 36.092, 147.045
Yxy	4.7607, 0.2786, 0.5073
Android (android.graphics.Color)	4278536222 (0xFF05481E)
YUV	47.1790, -8.4692, -36.9910
Hunter-Lab	21.8191, -16.7961, 9.8131

Details

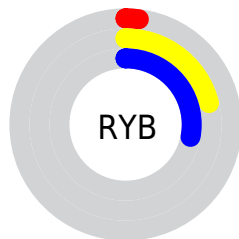
The YUV color **47.1790, -8.4692, -36.9910** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.8210, 8.4692, 36.9910**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.1150, -11.3957, -31.6729**, and **17.0230, -8.3923, -14.9292** is the 20% darker color. If you saturate the color by 10%, you get **45.3420, -9.0426, -39.7649**, and if you desaturate by 10%, it is **49.8420, -7.3171, -33.1874**.

Distribution



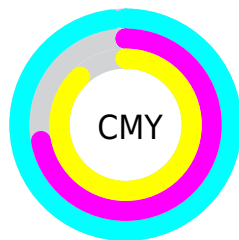
- Red (2%)
- Green (28%)
- Blue (12%)



- Red (2%)
- Yellow (21%)
- Blue (28%)



- Cyan (93%)
- Magenta (0%)
- Yellow (58%)
- Black (72%)



- Cyan (98%)
- Magenta (72%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1790, -8.4692, -36.9910 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 47.1790, -8.4692, -36.9910 by changing the saturation by 10% instead.

■ 47.1790, -8.4692,
-36.9910

■ 47.1790, -8.4692,
-36.9910

■ 254.1030, 0.4422,
-1.8443

■ 29.5610, -11.1226,
-25.9250

■ 98.1150, -11.3957,
-31.6729

■ 17.0230, -8.3923,
-14.9292

■ 123.8870,
-12.2693, -31.4729

■ 0.0000, 0.0000,
0.0000


■ 150.0610,
-12.8481, -32.5025


■ 177.5340,
-13.5743, -32.9173


■ 205.1210,
-13.8637, -33.4321


■ 231.3600,


-12.9955, -31.8877


 242.9240, -4.8925,
-17.4733


 47.1790, -8.4692,
-36.9910


 47.1790, -8.4692,
-36.9910


 45.3420, -9.0426,
-39.7649

 49.8420, -7.3171,
-33.1874

 52.3910, -6.6018,
-29.2839

 55.3530, -5.5970,
-24.8656

 57.9020, -4.8817,
-20.9621

 60.5650, -3.7295,
-17.1585

■ 63.1140, -3.0142,
-13.2550

■ 65.7770, -1.8621,
-9.4514

■ 68.6250, -1.2941,
-4.9331

■ 71.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



55.1480, -24.7230, -3.6378



47.1790, -8.4692, -36.9910



50.0500, 3.9194, -43.8939

Triad

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



47.1790, -8.4692, -36.9910



52.0800, 32.0056, -45.6742



58.6420, -10.1765, 44.1640

Complementary

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



47.1790, -8.4692, -36.9910



29.8210, 8.4692, 36.9910

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.



60.0730, 2.9220, 42.9090



47.1790, -8.4692, -36.9910



62.2700, 24.0239, -5.4988

Square

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



47.1790, -8.4692, -36.9910



54.4620, 25.9012, -47.7632



63.2370, 14.1802, 25.2252



59.0740, -22.2215, 34.1381

Rectangle

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



47.1790, -8.4692, -36.9910



52.2160, 12.2185, -45.7934



63.2370, 14.1802, 25.2252



59.0920, -5.9614, 45.5233

Sweetspot

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



47.1790, -8.4692, -36.9910



84.4020, -3.1562, -14.3846



56.8870, -25.5803, -8.6709



42.0760, -2.0095, -8.8367



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



47.1790, -8.4692, -36.9910



59.1680, -11.9148, -51.8903



50.9410, 5.9451, -40.2903



34.4620, -0.7208, -2.1592



62.3310, -12.4882, -54.6643



142.9390, -28.5639, -125.3575

Inverse Universe

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



29.8210, 8.4692, 36.9910



34.8320, 11.9148, 51.8903



26.0590, -5.9451, 40.2903



33.4240, 0.2840, 2.2592



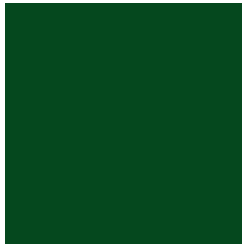
36.6690, 12.4882, 54.6643



84.0610, 28.5639, 125.3575

Previews

White Background



This preview shows how the YUV color 47.1790, -8.4692, -36.9910 looks on a white background.

Color Contrast Check

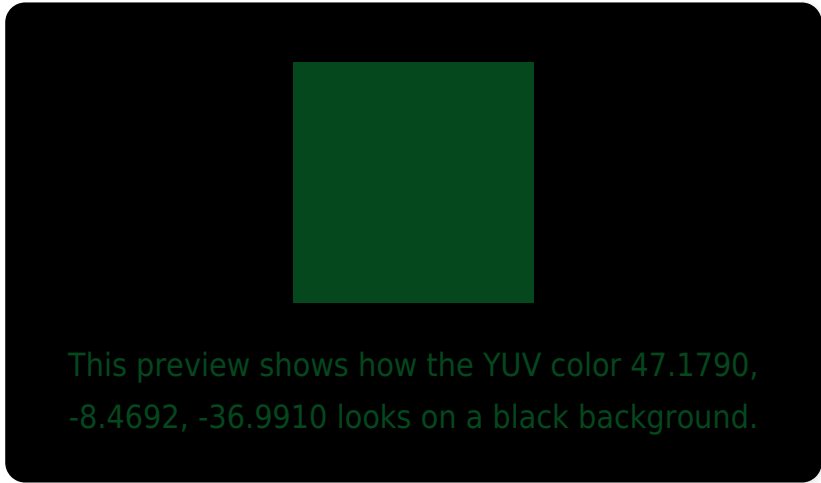
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

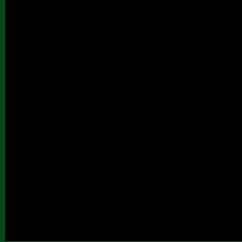
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.1790, -8.4692, -36.9910

Background



This preview shows how black text looks on a background with the YUV color 47.1790, -8.4692, -36.9910.



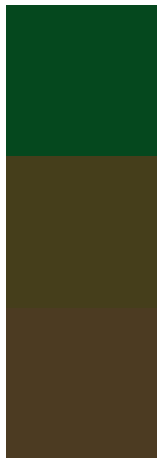
This preview shows how white text looks on a background with the YUV color 47.1790, -8.4692, -36.9910.

-36.9910.

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

47.1790, -8.4692, -36.9910

Protanopia

60.1030, -16.3198, 7.8027

Deuteranopia

61.2330, -13.4259, 12.9507



Tritanopia

56.9090, 7.9329, -24.4762

Trichromacy



Original Color

47.1790, -8.4692, -36.9910

Protanomaly

55.6880, -13.6502, -8.4964

Deuteranomaly

56.2800, -11.4770, -5.5076

Tritanomaly

52.9810, 1.9814, -28.9243

Monochromacy



Original Color

47.1790, -8.4692, -36.9910

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1140, -3.0142, -13.2550

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1790, -8.4692, -36.9910 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(5, 72, 30)` looks like.

```
.text, #text, p{  
    color:rgb(5, 72, 30)  
}
```

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(5, 72, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 72, 30) }
```

Border

The CSS property to change the border of an element to YUV 47.1790, -8.4692, -36.9910 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(5, 72, 30) }
```


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

```
.border{ border-color:rgb(5, 72, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 72, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 72, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 72, 30); box-shadow:4px  
4px 4px 4px rgb(5, 72, 30) }
```

Background

The CSS property to change the background color of an element to YUV 47.1790, -8.4692, -36.9910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 72, 30) }
```

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

```
.background{ background-color: rgb(5, 72,  
30) }
```

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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