

Converting Colors

YUV(48.4710, -4.6692, -42.5091)

Have a look what the booklet for
YUV(48.4710, -4.6692, -42.5091)
contains.

YUV(48.4710, -4.6692, -42.5091)	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>	30

Color

**YUV(48.4710, -4.6692,
-42.5091)**

Conversions

Conversions Part 1

Format	Color
Hex	004B27
RGB	0, 75, 39
RGB Percent	0%, 29%, 15%
CMY	1.0000, 0.7059, 0.8471
CMYK	1.00, 0.00, 0.48, 0.71
HSL	151°, 100%, 15%
HSV	151°, 100%, 29%
XYZ	2.8823, 5.1786, 2.7671
YIQ	48.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

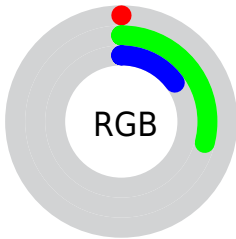
Format	Color
RYB	0, 49, 75
Decimal	19239
CIELab	27.24, -30.45, 15.75
CIELCh	27, 34.280, 152.654
Yxy	5.1786, 0.2662, 0.4783
Android (android.graphics.Color)	4278209319 (0xFF004B27)
YUV	48.4710, -4.6692, -42.5091
Hunter-Lab	22.7566, -17.2158, 8.7202

Details

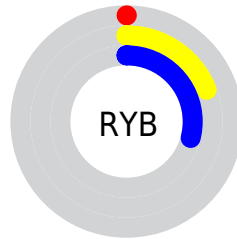
The YUV color **48.4710, -4.6692, -42.5091** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26.5290, 4.6692, 42.5091**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.8910, -8.3273, -35.8614**, and **19.3710, -9.5499, -16.9884** is the 20% darker color. If you saturate the color by 10%, you get **48.4710, -4.6692, -42.5091**, and if you desaturate by 10%, it is **51.0200, -3.9539, -38.6055**.

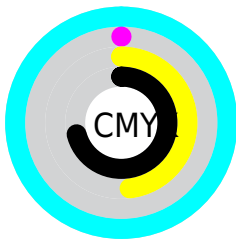
Distribution



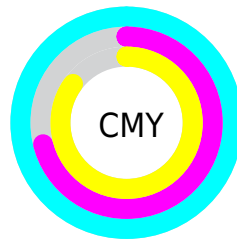
- Red (0%)
- Green (29%)
- Blue (15%)



- Red (0%)
- Yellow (19%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.4710, -4.6692, -42.5091 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 48.4710, -4.6692, -42.5091 by changing the saturation by 10% instead.

■ 48.4710, -4.6692,
-42.5091

■ 48.4710, -4.6692,
-42.5091

■ 254.1030, 0.4422,
-1.8443

■ 32.5760, -7.1860,
-28.5692

■ 100.8910, -8.3273,
-35.8614

■ 19.3710, -9.5499,
-16.9884

■ 126.7770, -8.7641,
-35.7614

■ 0.0000, 0.0000,
0.0000

■ 153.2500, -9.4902,
-36.1763

■ 180.2500, -9.4902,
-36.1763

■ 208.4240,
-10.0690, -37.2058

■ 232.2010, -8.4801,

-33.5023

■ 243.8790, 0.0597,
-19.1879

■ 48.4710, -4.6692,
-42.5091

■ 51.0200, -3.9539,
-38.6055

■ 53.7540, -3.8227,
-33.9873

■ 56.6020, -3.2548,
-29.4690

■ 59.0370, -2.9762,
-25.4654

■ 61.8850, -2.4083,
-20.9471

■ 64.4340, -1.6930,
-17.0436

■ 67.1680, -1.5618,
-12.4253

■ 69.7170, -0.8465,
-8.5218

■ 72.4510, -0.7153,
-3.9035

Harmonies

Analogous

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



58.1520, -20.7809, -8.0263



48.4710, -4.6692, -42.5091



52.7230, 6.5456, -46.2381

Triad

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



48.4710, -4.6692, -42.5091



52.6670, 31.7162, -46.1890



62.7510, -12.2022, 40.5604

Complementary

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



48.4710, -4.6692, -42.5091



26.5290, 4.6692, 42.5091

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.



63.2640, -0.1302, 41.8645



48.4710, -4.6692, -42.5091



65.6300, 21.3814, 2.0785

Square

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



48.4710, -4.6692, -42.5091



55.5050, 27.3590, -48.6779



65.8630, 11.4065, 28.1841



62.2260, -22.7894, 29.6198

Rectangle

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



48.4710, -4.6692, -42.5091



54.7750, 14.4079, -48.0377



65.8630, 11.4065, 28.1841



62.5000, -8.1345, 42.5345

Sweetspot

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



48.4710, -4.6692, -42.5091



86.7330, -1.8404, -16.4288



54.7890, -27.0110, -16.4780



42.0050, -0.9885, -9.6514



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.



48.4710, -4.6692, -42.5091



62.6390, -6.2310, -54.9344



51.9880, 11.3449, -45.5935



36.5760, -0.2840, -2.2592



65.9160, -6.3676, -57.8083



148.5760, -14.5810, -130.3012

Inverse Universe

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



26.5290, 4.6692, 42.5091



34.3610, 6.2310, 54.9344



23.0120, -11.3449, 45.5935



35.4240, 0.2840, 2.2592



36.0840, 6.3676, 57.8083



81.3100, 14.1442, 130.4011

Previews

White Background



This preview shows how the YUV color 48.4710, -4.6692, -42.5091 looks on a white background.

Color Contrast Check

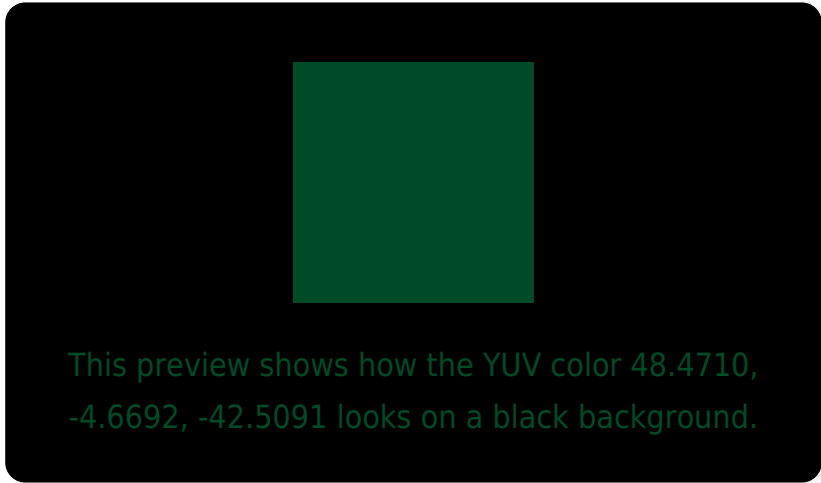
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4710, -4.6692, -42.5091

Background



This preview shows how black text looks on a background with the YUV color 48.4710, -4.6692, -42.5091.



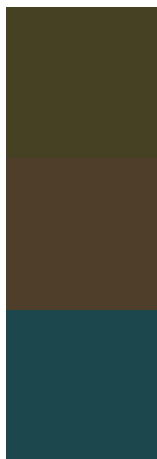
This preview shows how white text looks on a background with the YUV color 48.4710, -4.6692,

-42.5091.

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



Protanopia

63.3740, -13.9884, 6.6880

Deuteranopia

64.5040, -11.0945, 11.8360

Tritanopia

58.8270, 8.9593, -27.0353

Trichromacy



Protanomaly

58.0620, -10.8766, -11.4554

Deuteranomaly

58.9530, -8.8508, -7.8518

Tritanomaly

54.8280, 4.0288, -32.2982

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.4450, -1.6984, -15.2993

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.4710, -4.6692, -42.5091 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(0, 75, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 39)  
}
```

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(0, 75, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 39) }
```

Border

The CSS property to change the border of an element to YUV 48.4710, -4.6692, -42.5091 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(0, 75, 39) }
```

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

```
.border{ border-color:rgb(0, 75, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 75, 39); box-shadow:4px  
4px 4px 4px rgb(0, 75, 39) }
```


Background

The CSS property to change the background color of an element to YUV 48.4710, -4.6692, -42.5091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 39) }
```

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

```
.background{ background-color: rgb(0, 75,  
39) }
```

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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