

Converting Colors

YUV(46.7490, -23.0473,
-27.8439)

Have a look what the booklet for
YUV(46.7490, -23.0473, -27.8439)
contains.

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Color

**YUV(46.7490, -23.0473,
-27.8439)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4800
RGB	15, 72, 0
RGB Percent	6%, 28%, 0%
CMY	0.9412, 0.7176, 1.0000
CMYK	0.79, 0.00, 1.00, 0.72
HSL	108°, 100%, 14%
HSV	108°, 100%, 28%
XYZ	2.5144, 4.7363, 0.7817
YIQ	46.7490, -10.8600, -34.4760

Conversions

Conversions Part 2

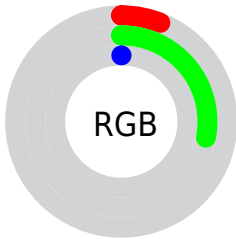
Format	Color
RYB	0, 72, 57
Decimal	1001472
CIELab	25.97, -31.92, 33.59
CIELCh	26, 46.343, 133.538
Yxy	4.7363, 0.3130, 0.5897
Android (android.graphics.Color)	4279191552 (0xFF0F4800)
YUV	46.7490, -23.0473, -27.8439
Hunter-Lab	21.7630, -17.4625, 13.1046

Details

The YUV color **46.7490, -23.0473, -27.8439** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **25.2510, 23.0473, 27.8439**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.2440, -23.7843, -24.7700**, and **17.0230, -8.3923, -14.9292** is the 20% darker color. If you saturate the color by 10%, you get **46.7490, -23.0473, -27.8439**, and if you desaturate by 10%, it is **49.3410, -20.8741, -24.8551**.

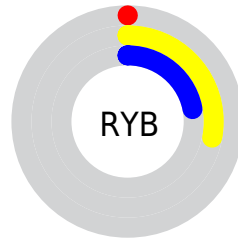
Distribution



Red (6%)

Green (28%)

Blue (0%)



Red (0%)

Yellow (28%)

Blue (22%)

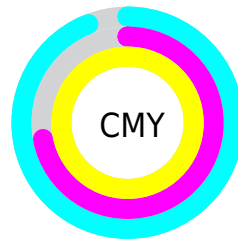


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (72%)



Cyan (94%)


Magenta (72%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 46.7490, -23.0473, -27.8439 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 46.7490, -23.0473, -27.8439 by changing the saturation by 10% instead.


 46.7490, -23.0473,
-27.8439


 46.7490, -23.0473,
-27.8439

 252.4920, -9.6096,
2.1995

 28.7630, -14.1802,
-25.2252


 97.2440, -23.7843,
-24.7700


 17.0230, -8.3923,
-14.9292

 123.0160,
-24.6579, -24.5700

 0.0000, 0.0000,
0.0000

 149.4890,
-25.3841, -24.9849


 176.8480,
-26.5471, -25.2997


 204.4350,
-26.8365, -25.8145


 230.5600,


-26.4051, -24.1701


 242.4230,
-18.4495, -9.1410


 46.7490, -23.0473,
-27.8439

 49.3410, -20.8741,
-24.8551

 51.6340, -18.5536,
-22.4810

 54.3400, -15.9436,
-19.5922

 56.9320, -13.7705,
-16.6034

 59.5240, -11.5973,
-13.6145

■ 61.8170, -9.2768,
-11.2405

■ 64.4090, -7.1036,
-8.2517

■ 67.1150, -4.4937,
-5.3629

■ 69.4080, -2.1731,
-2.9888

Harmonies

Analogous

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



56.6930, -27.9496, 4.6542



46.7490, -23.0473, -27.8439



48.5850, -4.2324, -42.6090

Triad

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



46.7490, -23.0473, -27.8439



56.4970, 36.2370, -49.5479



51.2280, -2.0844, 62.0670

Complementary

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



46.7490, -23.0473, -27.8439



25.2510, 23.0473, 27.8439

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.



56.3480, 12.6464, 50.5608



46.7490, -23.0473, -27.8439



50.7410, 39.5677, -44.4999

Square

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



46.7490, -23.0473, -27.8439



57.1520, 26.0541, -50.1223



62.6410, 24.8270, 16.9778



55.8140, -21.1073, 50.1521

Rectangle

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



46.7490, -23.0473, -27.8439



52.6090, 6.1088, -46.1381



62.6410, 24.8270, 16.9778



51.4220, 3.7360, 61.8969

Sweetspot

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



46.7490, -23.0473, -27.8439



84.2300, -8.9874, -10.7257



54.4000, -26.8192, 15.4352



42.1750, -5.5093, -6.2925



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.



46.7490, -23.0473, -27.8439



61.1580, -30.1509, -36.0956



44.5440, -12.1002, -39.0651



34.6470, -1.3050, -1.4444



64.3920, -31.7453, -38.0548



147.3020, -72.6199, -87.9649

Inverse Universe

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



25.2510, 23.0473, 27.8439



33.1410, 30.0035, 36.7103



27.4560, 12.1002, 39.0651



33.3530, 1.3050, 1.4444



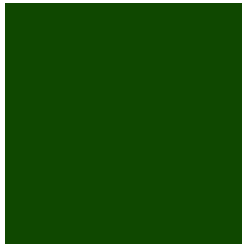
34.9070, 31.5978, 38.6696



79.6980, 72.6199, 87.9649

Previews

White Background



This preview shows how the YUV color 46.7490, -23.0473, -27.8439 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

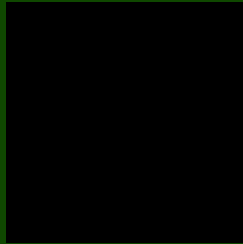
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.7490, -23.0473, -27.8439

Background



This preview shows how black text looks on a background with the YUV color 46.7490, -23.0473, -27.8439.



This preview shows how white text looks on a background with the YUV color 46.7490, -23.0473, -27.8439.

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

57.3240, -28.2607, 11.1169

Deuteranopia

59.6650, -22.0198, 16.0798

Tritanopia

57.4040, 7.1958, -21.4023

Trichromacy



Protanomaly

53.6920, -26.4702, -3.2379

Deuteranomaly

55.1530, -22.2604, -0.1342

Tritanomaly

53.5210, -3.7079, -24.1359

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7570, -8.2612, -10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.7490, -23.0473, -27.8439 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(15, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 72, 0)  
}
```

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(15, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 72, 0) }
```

Border

The CSS property to change the border of an element to YUV 46.7490, -23.0473, -27.8439 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(15, 72, 0) }
```

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

```
.border{ border-color:rgb(15, 72, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 72, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 72, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 72, 0); box-shadow:4px  
4px 4px 4px rgb(15, 72, 0) }
```


Background

The CSS property to change the background color of an element to YUV 46.7490, -23.0473, -27.8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 72, 0) }
```

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

```
.background{ background-color: rgb(15, 72,  
0) }
```

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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