

Converting Colors

YUV(45.3490, -12.9901,
-33.6321)

Have a look what the booklet for
YUV(45.3490, -12.9901, -33.6321)
contains.

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Color

**YUV(45.3490, -12.9901,
-33.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	074613
RGB	7, 70, 19
RGB Percent	3%, 27%, 7%
CMY	0.9725, 0.7255, 0.9255
CMYK	0.90, 0.00, 0.73, 0.73
HSL	131°, 82%, 15%
HSV	131°, 90%, 27%
XYZ	2.3953, 4.4725, 1.3531
YIQ	45.3490, -21.1770, -29.2170

Conversions

Conversions Part 2

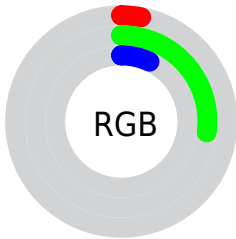
Format	Color
RYB	7, 60, 70
Decimal	476691
CIELab	25.18, -30.89, 24.67
CIELCh	25, 39.530, 141.390
Yxy	4.4725, 0.2914, 0.5440
Android (android.graphics.Color)	4278666771 (0xFF074613)
YUV	45.3490, -12.9901, -33.6321
Hunter-Lab	21.1483, -16.7920, 11.0103

Details

The YUV color **45.3490, -12.9901, -33.6321** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **31.6510, 12.9901, 33.6321**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9860, -15.7691, -28.9287**, and **15.8490, -7.8136, -13.8996** is the 20% darker color. If you saturate the color by 10%, you get **42.5720, -14.5790, -37.3356**, and if you desaturate by 10%, it is **48.1260, -11.4011, -29.9285**.

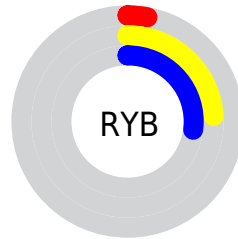
Distribution



Red (3%)

Green (27%)

Blue (7%)



Red (3%)

Yellow (24%)

Blue (27%)

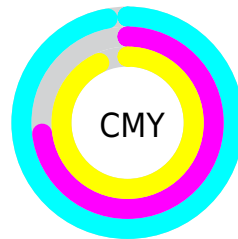


Cyan (90%)

Magenta (0%)

Yellow (73%)

Black (73%)



Cyan (97%)


Magenta (73%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 45.3490, -12.9901, -33.6321 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 45.3490, -12.9901, -33.6321 by changing the saturation by 10% instead.


 45.3490, -12.9901,
-33.6321


 45.3490, -12.9901,
-33.6321


 253.7180, -2.3260,
-0.6297


 27.5890, -13.6014,
-24.1956


 95.9860, -15.7691,
-28.9287


 15.8490, -7.8136,
-13.8996

 121.4590,
-16.4953, -29.3435

 0.0000, 0.0000,
0.0000


 147.9320,
-17.2215, -29.7584


 174.7040,
-18.0951, -29.5584


 202.8780,
-18.6739, -30.5880


 230.1770,


-18.8213, -29.9732


 241.7410,
-10.7183, -15.5589


 45.3490, -12.9901,
-33.6321


 45.3490, -12.9901,
-33.6321


 42.5720, -14.5790,
-37.3356

 48.1260, -11.4011,
-29.9285

 50.7890, -10.2490,
-26.1250

 53.5660, -8.6600,
-22.4214

 56.3430, -7.0711,
-18.7178

 59.0060, -5.9190,
-14.9143

■ 61.7830, -4.3300,
-11.2107

■ 64.5600, -2.7411,
-7.5071

■ 67.2230, -1.5889,
-3.7036

■ 70.0000, 0.0000,
0.0000

Harmonies

Analogous

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



54.0020, -26.6230, -0.8788



45.3490, -12.9901, -33.6321



48.5510, 0.7144, -42.5792

Triad

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



45.3490, -12.9901, -33.6321



52.3080, 32.8792, -45.8741



55.0710, -7.4300, 49.9267

Complementary

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



45.3490, -12.9901, -33.6321



31.6510, 12.9901, 33.6321

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.



56.7080, 6.5530, 44.9831



45.3490, -12.9901, -33.6321



57.7570, 28.7138, -16.4499

Square

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



45.3490, -12.9901, -33.6321



53.7610, 25.7538, -47.1484



61.1380, 17.6800, 22.6810



56.2210, -21.8010, 39.2712

Rectangle

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



45.3490, -12.9901, -33.6321



50.9450, 9.8871, -44.6788



61.1380, 17.6800, 22.6810



55.0370, -2.4832, 49.9566

Sweetspot

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



45.3490, -12.9901, -33.6321



82.2450, -5.0508, -13.3699



59.2300, -25.7494, -1.0787



40.1470, -3.0305, -8.0219



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



45.3490, -12.9901, -33.6321



55.9420, -19.1984, -49.0611



48.8830, 0.5507, -36.7314



34.4620, -0.7208, -2.1592



60.2790, -20.3505, -52.8647



138.1510, -46.9094, -121.1584

Inverse Universe

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



31.6510, 12.9901, 33.6321



35.9440, 18.7616, 49.1611



28.1170, -0.5507, 36.7314



33.5380, 0.7208, 2.1592



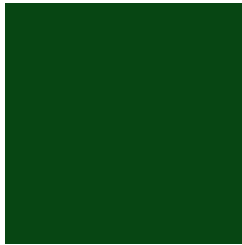
38.8350, 20.7873, 52.7647



88.8490, 46.9094, 121.1584

Previews

White Background



This preview shows how the YUV color 45.3490, -12.9901, -33.6321 looks on a white background.

Color Contrast Check

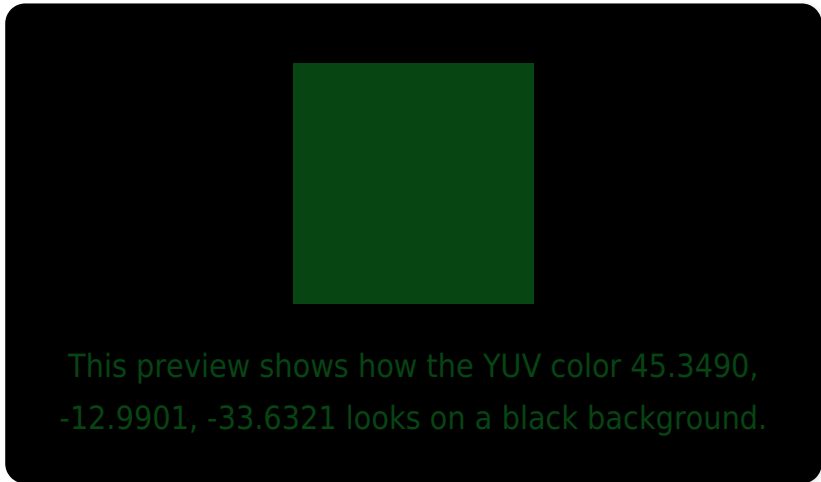
Large Text (above 18pt) WCAG AA ✓ Pass

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

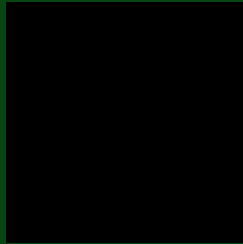
Any Text WCAG AA × Fail

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 45.3490, -12.9901, -33.6321 Background



This preview shows how black text looks on a background with the YUV color 45.3490, -12.9901, -33.6321.



This preview shows how white text looks on a background with the YUV color 45.3490, -12.9901, -33.6321.

-33.6321.

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

45.3490, -12.9901, -33.6321

Protanopia

57.0770, -20.2510, 8.7025

Deuteranopia

58.6200, -17.0677, 14.3653



Tritanopia

54.9200, 7.9274, -22.7318

Trichromacy



Original Color

45.3490, -12.9901, -33.6321

Protanomaly

52.9610, -17.7288, -6.9818

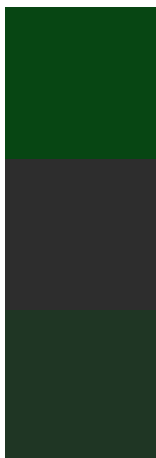
Deuteranomaly

53.8520, -15.7030, -3.3782

Tritanomaly

51.5360, 0.2288, -26.7801

Monochromacy



Original Color

45.3490, -12.9901, -33.6321

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0710, -4.4720, -12.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3490, -12.9901, -33.6321 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(7, 70, 19)` looks like.

```
.text, #text, p{  
    color:rgb(7, 70, 19)  
}
```

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(7, 70, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 70, 19) }
```

Border

The CSS property to change the border of an element to YUV 45.3490, -12.9901, -33.6321 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(7, 70, 19) }
```


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

```
.border{ border-color:rgb(7, 70, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 70, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 70, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 70, 19); box-shadow:4px  
4px 4px 4px rgb(7, 70, 19) }
```

Background

The CSS property to change the background color of an element to YUV 45.3490, -12.9901, -33.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 70, 19) }
```

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

```
.background{ background-color: rgb(7, 70,  
19) }
```

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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