

Converting Colors

YUV(65.4690, -18.4722,
-48.6463)

Have a look what the booklet for
YUV(65.4690, -18.4722, -48.6463)
contains.

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Color

**YUV(65.4690, -18.4722,
-48.6463)**

Conversions

Conversions Part 1

Format	Color
Hex	0A651C
RGB	10, 101, 28
RGB Percent	4%, 40%, 11%
CMY	0.9608, 0.6039, 0.8902
CMYK	0.90, 0.00, 0.72, 0.60
HSL	132°, 82%, 22%
HSV	132°, 90%, 40%
XYZ	4.9885, 9.4557, 2.6608
YIQ	65.4690, -30.8030, -41.9950

Conversions

Conversions Part 2

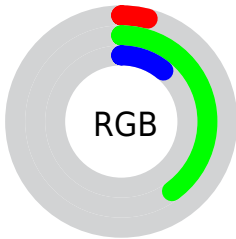
Format	Color
RYB	10, 86, 101
Decimal	681244
CIELab	36.85, -40.59, 33.08
CIELCh	37, 52.359, 140.821
Yxy	9.4557, 0.2916, 0.5528
Android (android.graphics.Color)	4278871324 (0xFF0A651C)
YUV	65.4690, -18.4722, -48.6463
Hunter-Lab	30.7502, -24.8556, 16.3947

Details

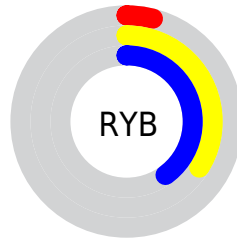
The YUV color **65.4690, -18.4722, -48.6463** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **45.5310, 18.4722, 48.6463**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6010, -21.9883, -40.8691**, and **31.1110, -15.3377, -27.2843** is the 20% darker color. If you saturate the color by 10%, you get **61.5670, -20.4925, -53.9943**, and if you desaturate by 10%, it is **69.3710, -16.4519, -43.2984**.

Distribution



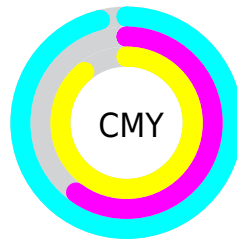
- Red (4%)
- Green (40%)
- Blue (11%)



- Red (4%)
- Yellow (34%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (72%)
- Black (60%)





- Cyan (96%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.4690, -18.4722, -48.6463 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 65.4690, -18.4722, -48.6463 by changing the saturation by 10% instead.


 65.4690, -18.4722,
-48.6463


 65.4690, -18.4722,
-48.6463


255.0000, 0.0000,
0.0000


 44.8400, -21.1201,
-39.3247


 120.6010,
-21.9883, -40.8691


 31.1110, -15.3377,
-27.2843


 147.6720,
-23.0093, -40.0543

 18.7840, -9.2605,
-16.4736

 175.0310,
-24.1723, -40.3692

 0.0000, 0.0000,
0.0000


 203.2050,
-24.7511, -41.3988


 225.5200,
-22.4414, -35.5360


 237.0840,


-14.3384, -21.1217


 248.9470, -6.3829,
-6.0925


 65.4690, -18.4722,
-48.6463


 65.4690, -18.4722,
-48.6463


 61.5670, -20.4925,
-53.9943

 69.3710, -16.4519,
-43.2984

 73.2730, -14.4316,
-37.9504

 77.1750, -12.4113,
-32.6025

 81.0770, -10.3910,
-27.2545

 85.3920, -8.0813,
-21.3918

■ 89.2940, -6.0609,
-16.0438

■ 93.1960, -4.0406,
-10.6959

■ 97.0980, -2.0203,
-5.3479

■ 101.0000, 0.0000,
0.0000

Harmonies

Analogous

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



77.6140, -38.2637, -0.5385



65.4690, -18.4722, -48.6463



69.8430, 1.0634, -61.2523

Triad

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



65.4690, -18.4722, -48.6463



75.7320, 46.4741, -66.4170



79.3340, -9.5317, 70.7441

Complementary

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



65.4690, -18.4722, -48.6463



45.5310, 18.4722, 48.6463

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.



82.0400, 9.8403, 63.9859



65.4690, -18.4722, -48.6463



82.6170, 41.1078, -25.0971

Square

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



65.4690, -18.4722, -48.6463



77.7890, 36.5860, -68.2210



88.3700, 25.9466, 31.2475



81.4420, -30.2909, 55.7404

Rectangle

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



65.4690, -18.4722, -48.6463



73.7360, 13.4412, -64.6665



88.3700, 25.9466, 31.2475



79.3540, -3.1325, 71.6035

Sweetspot

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



65.4690, -18.4722, -48.6463



116.3430, -7.0711, -18.7178



85.5430, -37.2427, -1.3532



57.7830, -4.3300, -11.2107



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



65.4690, -18.4722, -48.6463



79.2740, -26.2641, -69.5233



70.4850, 0.7469, -53.0453



49.0490, -1.0102, -2.6740



70.1270, -23.2336, -61.5014



147.5260, -49.0663, -129.3803

Inverse Universe

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



45.5310, 18.4722, 48.6463



50.7260, 26.2641, 69.5233



40.5150, -0.7469, 53.0453



47.9510, 1.0102, 2.6740



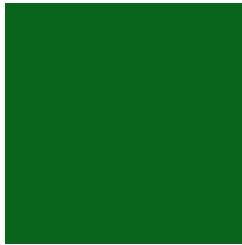
44.8730, 23.2336, 61.5014



94.4740, 49.0663, 129.3803

Previews

White Background



This preview shows how the YUV color 65.4690, -18.4722, -48.6463 looks on a white background.

Color Contrast Check

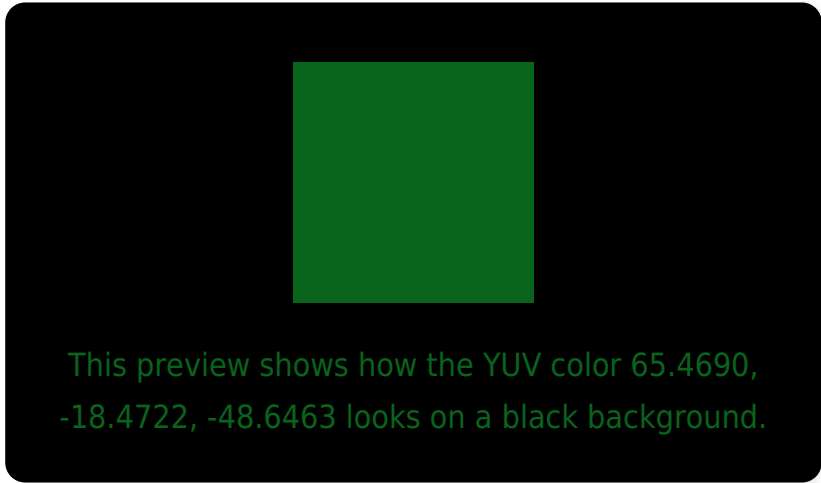
Large Text (above 18pt) WCAG AA ✓ Pass

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 65.4690, -18.4722, -48.6463

Background



This preview shows how black text looks on a background with the YUV color 65.4690, -18.4722, -48.6463.



This preview shows how white text looks on a background with the YUV color 65.4690, -18.4722, -48.6463.

-48.6463.

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

65.4690, -18.4722, -48.6463

Protanopia

82.8080, -28.9923, 12.4464

Deuteranopia

84.4160, -24.3621, 20.6832



Tritanopia

79.3640, 11.1595, -32.7682

Trichromacy



Original Color

65.4690, -18.4722, -48.6463

Protanomaly

76.2890, -25.2855, -9.9005

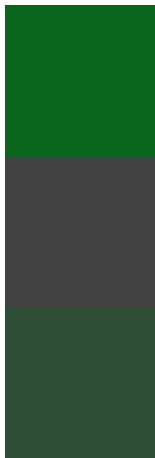
Deuteranomaly

77.4190, -22.3916, -4.7525

Tritanomaly

74.4590, 0.2667, -38.9905

Monochromacy



Original Color

65.4690, -18.4722, -48.6463

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.1690, -6.4923, -17.6882

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.4690, -18.4722, -48.6463 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(10, 101, 28)` looks like.

```
.text, #text, p{  
    color:rgb(10, 101, 28)  
}
```

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(10, 101, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 101, 28) }
```

Border

The CSS property to change the border of an element to YUV 65.4690, -18.4722, -48.6463 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(10, 101, 28) }
```


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

```
.border{ border-color:rgb(10, 101, 28) }
```

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

Here you see how a box with a 4 pixel rgb(10, 101, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 101, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 101, 28);  
box-shadow:4px 4px 4px 4px rgb(10, 101,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 65.4690, -18.4722, -48.6463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 101, 28) }
```

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

```
.background{ background-color: rgb(10, 101,  
28) }
```

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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