

Converting Colors

YUV(51.0690, -25.1770,
-44.7875)

Have a look what the booklet for
YUV(51.0690, -25.1770, -44.7875)
contains.

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Color

**YUV(51.0690, -25.1770,
-44.7875)**

Conversions

Conversions Part 1

Format	Color
Hex	005700
RGB	0, 87, 0
RGB Percent	0%, 34%, 0%
CMY	1.0000, 0.6588, 1.0000
CMYK	1.00, 0.00, 1.00, 0.66
HSL	120°, 100%, 17%
HSV	120°, 100%, 34%
XYZ	3.4082, 6.8164, 1.1361
YIQ	51.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

Format	Color
RYB	0, 87, 87
Decimal	22272
CIELab	31.39, -39.37, 38.00
CIELCh	31, 54.713, 136.016
Yxy	6.8164, 0.3000, 0.6000
Android (android.graphics.Color)	4278212352 (0xFF005700)
YUV	51.0690, -25.1770, -44.7875
Hunter-Lab	26.1082, -22.3878, 15.6958

Details

The YUV color **51.0690, -25.1770, -44.7875** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **35.9310, 25.1770, 44.7875**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.0810, -26.6619, -35.1510**, and **24.0670, -11.8650, -21.1068** is the 20% darker color. If you saturate the color by 10%, you get **51.0690, -25.1770, -44.7875**, and if you desaturate by 10%, it is **54.7860, -22.5725, -40.1543**.

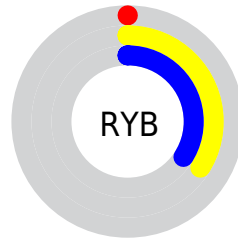
Distribution



Red (0%)

Green (34%)

Blue (0%)



Red (0%)

Yellow (34%)

Blue (34%)

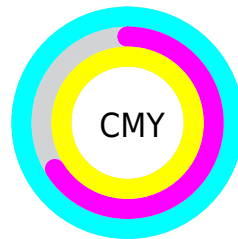


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (66%)



Cyan (100%)

Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0690, -25.1770, -44.7875 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 51.0690, -25.1770, -44.7875 by changing the saturation by 10% instead.

■ 51.0690, -25.1770,
-44.7875

■ 51.0690, -25.1770,
-44.7875

■ 253.1760, -6.9888,
1.5996

■ 36.9810, -18.2316,
-32.4323

■ 107.0810,
-26.6619, -35.1510

■ 24.0670, -11.8650,
-21.1068

■ 133.8530,
-27.5355, -34.9511

■ 5.2830, -2.6045,
-4.6332

■ 160.6250,
-28.4091, -34.7511


■ 0.0000, 0.0000,
0.0000


■ 188.0980,
-29.1353, -35.1659


■ 216.4570,
-30.2983, -35.4808


■ 231.8420,


-24.0791, -23.5404


 243.7050,
-16.1236, -8.5113


 51.0690, -25.1770,
-44.7875

 54.7860, -22.5725,
-40.1543

 58.0900, -20.2574,
-36.0359

 61.8070, -17.6529,
-31.4027

 65.5240, -15.0483,
-26.7695

 69.2410, -12.4438,
-22.1364

■ 72.5450, -10.1287,
-18.0180

■ 76.2620, -7.5242,
-13.3848

■ 79.9790, -4.9196,
-8.7516

■ 83.2830, -2.6045,
-4.6332

Harmonies

Analogous

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



67.3030, -33.1804, 2.3653



51.0690, -25.1770, -44.7875



59.3450, -3.6211, -52.0456

Triad

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



51.0690, -25.1770, -44.7875



67.9070, 44.4158, -59.5544



58.8000, -2.8594, 77.3514

Complementary

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



51.0690, -25.1770, -44.7875



35.9310, 25.1770, 44.7875

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.



64.2450, 15.6552, 65.5601



51.0690, -25.1770, -44.7875



59.5750, 48.0305, -52.2473

Square

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



51.0690, -25.1770, -44.7875



68.8070, 32.6331, -60.3437



74.8360, 29.1679, 24.6998



66.1590, -27.6864, 60.3736

Rectangle

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



51.0690, -25.1770, -44.7875



63.3520, 9.1935, -55.5597



74.8360, 29.1679, 24.6998



56.8740, 4.9921, 79.0405

Sweetspot

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



51.0690, -25.1770, -44.7875



98.3710, -9.5499, -16.9884



77.0820, -38.0014, 8.6981



47.7400, -5.7878, -10.2960



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



51.0690, -25.1770, -44.7875



65.7440, -32.4118, -57.6575



56.0850, -5.9579, -49.1865



41.3480, -1.1576, -2.0592



62.8090, -30.9648, -55.0835



137.9450, -68.0069, -120.9778

Inverse Universe

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



35.9310, 25.1770, 44.7875



46.2560, 32.4118, 57.6575



31.0290, 6.3947, 49.0866



40.6520, 1.1576, 2.0592



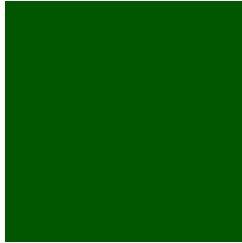
44.1910, 30.9648, 55.0835



97.0550, 68.0069, 120.9778

Previews

White Background



This preview shows how the YUV color 51.0690, -25.1770, -44.7875 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 51.0690, -25.1770, -44.7875

Background



This preview shows how black text looks on a background with the YUV color 51.0690, -25.1770, -44.7875.



This preview shows how white text looks on a background with the YUV color 51.0690, -25.1770,

-44.7875.

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

51.0690, -25.1770, -44.7875

Protanopia

68.5540, -33.7971, 13.5461

Deuteranopia

71.0630, -25.6671, 19.2387



Tritanopia

68.5280, 9.1067, -27.6501

Trichromacy



Original Color

51.0690, -25.1770, -44.7875

Protanomaly

62.2200, -30.6745, -8.0859

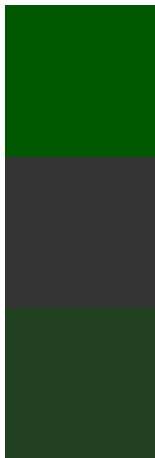
Deuteranomaly

63.6210, -25.4492, -4.0526

Tritanomaly

62.1670, -3.5333, -33.4725

Monochromacy



Original Color

51.0690, -25.1770, -44.7875

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7840, -9.2605, -16.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0690, -25.1770, -44.7875 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, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 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(0, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 0) }
```

Border

The CSS property to change the border of an element to YUV 51.0690, -25.1770, -44.7875 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, 87, 0) }
```


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

```
.border{ border-color:rgb(0, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 87, 0); box-shadow:4px  
4px 4px 4px rgb(0, 87, 0) }
```

Background

The CSS property to change the background color of an element to YUV 51.0690, -25.1770, -44.7875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 0) }
```

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

```
.background{ background-color: rgb(0, 87,  
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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