

Converting Colors

YUV(60.0510, -21.2241,
-52.6647)

Have a look what the booklet for
YUV(60.0510, -21.2241, -52.6647)
contains.

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Color

**YUV(60.0510, -21.2241,
-52.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	006311
RGB	0, 99, 17
RGB Percent	0%, 39%, 7%
CMY	1.0000, 0.6118, 0.9333
CMYK	1.00, 0.00, 0.83, 0.61
HSL	130°, 100%, 19%
HSV	130°, 100%, 39%
XYZ	4.5630, 8.9642, 2.0201
YIQ	60.0510, -32.6820, -46.4900

Conversions

Conversions Part 2

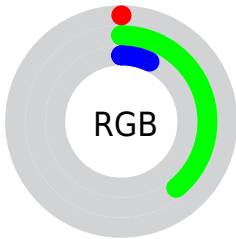
Format	Color
RYB	0, 84, 99
Decimal	25361
CIELab	35.92, -42.05, 36.56
CIELCh	36, 55.723, 138.993
Yxy	8.9642, 0.2935, 0.5766
Android (android.graphics.Color)	4278215441 (0xFF006311)
YUV	60.0510, -21.2241, -52.6647
Hunter-Lab	29.9402, -25.1911, 16.9578

Details

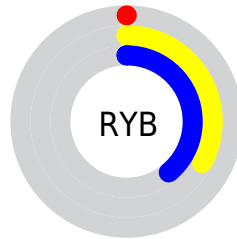
The YUV color **60.0510, -21.2241, -52.6647** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **38.9490, 21.2241, 52.6647**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5040, -24.8985, -40.7840**, and **29.9370, -14.7589, -26.2547** is the 20% darker color. If you saturate the color by 10%, you get **60.0510, -21.2241, -52.6647**, and if you desaturate by 10%, it is **63.9530, -19.2038, -47.3168**.

Distribution



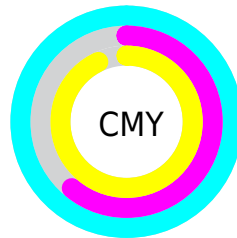
- Red (0%)
- Green (39%)
- Blue (7%)



- Red (0%)
- Yellow (33%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.0510, -21.2241, -52.6647 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 60.0510, -21.2241, -52.6647 by changing the saturation by 10% instead.

■ 60.0510, -21.2241,
-52.6647

■ 60.0510, -21.2241,
-52.6647

255.0000, 0.0000,
0.0000

■ 43.4380, -21.4149,
-38.0951

■ 117.5040,
-24.8985, -40.7840

■ 29.9370, -14.7589,
-26.2547

■ 144.2760,
-25.7721, -40.5841

■ 17.0230, -8.3923,
-14.9292

■ 171.6350,
-26.9351, -40.8989


■ 0.0000, 0.0000,
0.0000


■ 199.4070,
-27.8087, -40.6989


■ 223.1840,
-26.2197, -36.9954


■ 235.0470,


-18.2642, -21.9662


 246.9100,
-10.3086, -6.9371


 60.0510, -21.2241,
-52.6647

 63.9530, -19.2038,
-47.3168

 67.8550, -17.1835,
-41.9688

 71.8710, -14.7264,
-36.7209

 75.7730, -12.7061,
-31.3729

 79.6750, -10.6858,
-26.0250

■ 83.2780, -8.5181,
-21.2918

■ 87.1800, -6.4977,
-15.9439

■ 91.1960, -4.0406,
-10.6959

■ 95.0980, -2.0203,
-5.3479

Harmonies

Analogous

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



76.4400, -37.6849, 0.4911



60.0510, -21.2241, -52.6647



67.9850, -0.9786, -59.6228

Triad

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



60.0510, -21.2241, -52.6647



75.4870, 48.0739, -66.2021



73.5350, -7.6588, 76.7068

Complementary

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



60.0510, -21.2241, -52.6647



38.9490, 21.2241, 52.6647

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.



76.8710, 12.8816, 68.5191



60.0510, -21.2241, -52.6647



76.5060, 46.0925, -37.2778

Square

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



60.0510, -21.2241, -52.6647



77.2020, 36.8754, -67.7062



85.7550, 28.7148, 30.0329



77.8340, -31.4702, 60.6586

Rectangle

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



60.0510, -21.2241, -52.6647



72.1060, 12.2727, -63.2370



85.7550, 28.7148, 30.0329



73.1960, -0.0966, 77.8811

Sweetspot

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



60.0510, -21.2241, -52.6647



112.6910, -8.2287, -20.7770



82.9300, -40.8845, 0.0614



54.9570, -4.9088, -12.2403



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



60.0510, -21.2241, -52.6647



77.6440, -27.4325, -68.0938



65.6370, 0.1790, -57.5636



46.3480, -1.1576, -2.0592



67.9100, -24.1126, -59.5571



145.5540, -51.5451, -127.6509

Inverse Universe

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



38.9490, 21.2241, 52.6647



50.3560, 27.4325, 68.0938



33.3630, -0.1790, 57.5636



45.6520, 1.1576, 2.0592



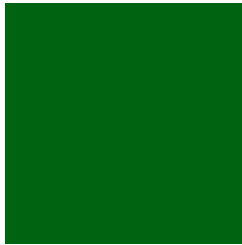
44.0900, 24.1126, 59.5571



94.4460, 51.5451, 127.6509

Previews

White Background



This preview shows how the YUV color 60.0510, -21.2241, -52.6647 looks on a white background.

Color Contrast Check

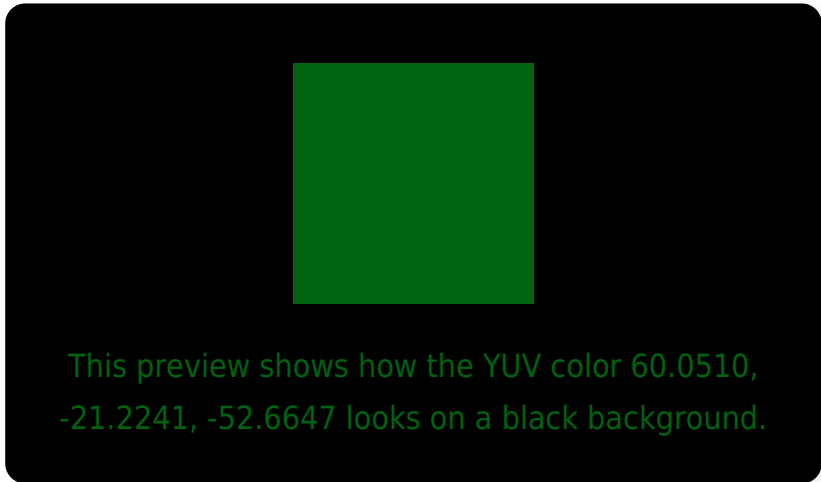
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.0510, -21.2241, -52.6647

Background



This preview shows how black text looks on a background with the YUV color 60.0510, -21.2241, -52.6647.



This preview shows how white text looks on a background with the YUV color 60.0510, -21.2241, -52.6647.

-52.6647.

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

60.0510, -21.2241, -52.6647

Protanopia

79.7820, -32.9235, 13.3462

Deuteranopia

81.7320, -26.9829, 21.2830



Tritanopia

77.6630, 11.0121, -32.1535

Trichromacy



Original Color

60.0510, -21.2241, -52.6647

Protanomaly

72.3660, -28.7744, -10.8450

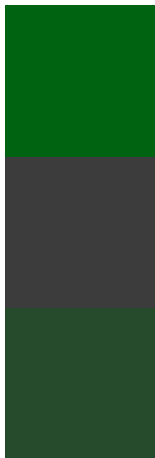
Deuteranomaly

73.7240, -25.0069, -5.8969

Tritanomaly

71.5190, -0.7489, -39.9202

Monochromacy



Original Color

60.0510, -21.2241, -52.6647

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8160, -7.7973, -19.1326

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.0510, -21.2241, -52.6647 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, 99, 17)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 17)  
}
```

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, 99, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 17) }
```

Border

The CSS property to change the border of an element to YUV 60.0510, -21.2241, -52.6647 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, 99, 17) }
```


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

```
.border{ border-color:rgb(0, 99, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 99, 17); box-shadow:4px  
4px 4px 4px rgb(0, 99, 17) }
```

Background

The CSS property to change the background color of an element to YUV 60.0510, -21.2241, -52.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 17) }
```

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

```
.background{ background-color: rgb(0, 99,  
17) }
```

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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