

Converting Colors

YUV(52.6140, -11.6417,
-46.1425)

Have a look what the booklet for
YUV(52.6140, -11.6417, -46.1425)
contains.

YUV(52.6140, -11.6417, -46.1425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(52.6140, -11.6417,
-46.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	00541D
RGB	0, 84, 29
RGB Percent	0%, 33%, 11%
CMY	1.0000, 0.6706, 0.8863
CMYK	1.00, 0.00, 0.65, 0.67
HSL	141°, 100%, 16%
HSV	141°, 100%, 33%
XYZ	3.3921, 6.4294, 2.2246
YIQ	52.6140, -32.4090, -34.9130

Conversions

Conversions Part 2

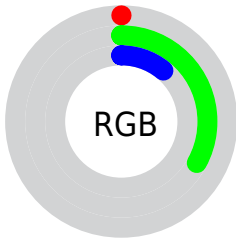
Format	Color
RYB	0, 62, 84
Decimal	21533
CIELab	30.47, -35.69, 25.45
CIElCh	30, 43.830, 144.509
Yxy	6.4294, 0.2816, 0.5337
Android (android.graphics.Color)	4278211613 (0xFF00541D)
YUV	52.6140, -11.6417, -46.1425
Hunter-Lab	25.3562, -20.4940, 12.5476

Details

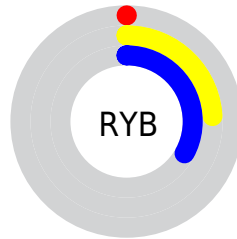
The YUV color **52.6140, -11.6417, -46.1425** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **31.3860, 11.6417, 46.1425**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.9310, -15.7420, -37.6505**, and **22.8930, -11.2862, -20.0772** is the 20% darker color. If you saturate the color by 10%, you get **52.6140, -11.6417, -46.1425**, and if you desaturate by 10%, it is **55.6900, -10.2002, -41.8241**.

Distribution



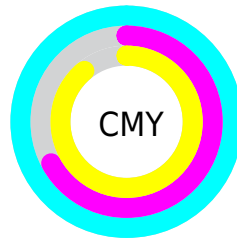
- Red (0%)
- Green (33%)
- Blue (11%)



- Red (0%)
- Yellow (24%)
- Blue (33%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (67%)



- Cyan (100%)
- Magenta (67%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.6140, -11.6417, -46.1425 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 52.6140, -11.6417, -46.1425 by changing the saturation by 10% instead.

■ 52.6140, -11.6417,
-46.1425

■ 52.6140, -11.6417,
-46.1425

255.0000, 0.0000,
0.0000

■ 35.9040, -14.7427,
-31.4878

■ 106.9310,
-15.7420, -37.6505

■ 22.8930, -11.2862,
-20.0772

■ 133.0020,
-16.7630, -36.8358

■ 1.7610, -0.8682,
-1.5444

■ 159.5890,
-17.0524, -37.3506

■ 0.0000, 0.0000,
0.0000


■ 187.0620,
-17.7786, -37.7654


■ 215.5350,
-18.5048, -38.1802


■ 232.8550,


-13.7325, -28.8138


 244.8320, -5.3402,
-13.8847


 52.6140, -11.6417,
-46.1425

 55.6900, -10.2002,
-41.8241

 58.9510, -9.3428,
-36.7910

 62.0270, -7.9013,
-32.4727

 65.2880, -7.0440,
-27.4396

 68.3640, -5.6025,
-23.1212

■ 71.3260, -4.5977,
-18.7029

■ 74.5870, -3.7404,
-13.6698

■ 77.6630, -2.2989,
-9.3515

■ 80.9240, -1.4415,
-4.3183

Harmonies

Analogous

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



63.7260, -31.4169, -3.2677



52.6140, -11.6417, -46.1425



58.3650, 2.7781, -51.1861

Triad

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



52.6140, -11.6417, -46.1425



61.7460, 38.5792, -54.1512



67.3060, -10.5039, 55.8596

Complementary

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



52.6140, -11.6417, -46.1425



31.3860, 11.6417, 46.1425

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.



68.2360, 5.7997, 53.2900



52.6140, -11.6417, -46.1425



70.4740, 31.3183, -11.8167

Square

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



52.6140, -11.6417, -46.1425



64.3730, 30.8751, -56.4551



73.2250, 19.1161, 28.7437



68.2770, -26.7586, 42.7301

Rectangle

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



52.6140, -11.6417, -46.1425



61.1010, 13.2612, -53.5856



73.2250, 19.1161, 28.7437



66.5110, -4.6889, 57.4339

Sweetspot

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



52.6140, -11.6417, -46.1425



97.6250, -4.7451, -18.0881



66.0520, -32.5636, -8.8156



48.5380, -2.7302, -10.9958



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.



52.6140, -11.6417, -46.1425



68.9020, -15.2347, -60.4271



57.2880, 6.2670, -50.2416



39.4620, -0.7208, -2.1592



65.7390, -14.6613, -57.6531



145.3040, -32.1949, -127.4316

Inverse Universe

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



31.3860, 11.6417, 46.1425



41.0980, 15.2347, 60.4271



26.7120, -6.2670, 50.2416



38.4240, 0.2840, 2.2592



39.1470, 14.2245, 57.7531



86.6960, 32.1949, 127.4316

Previews

White Background



This preview shows how the YUV color 52.6140, -11.6417, -46.1425 looks on a white background.

Color Contrast Check

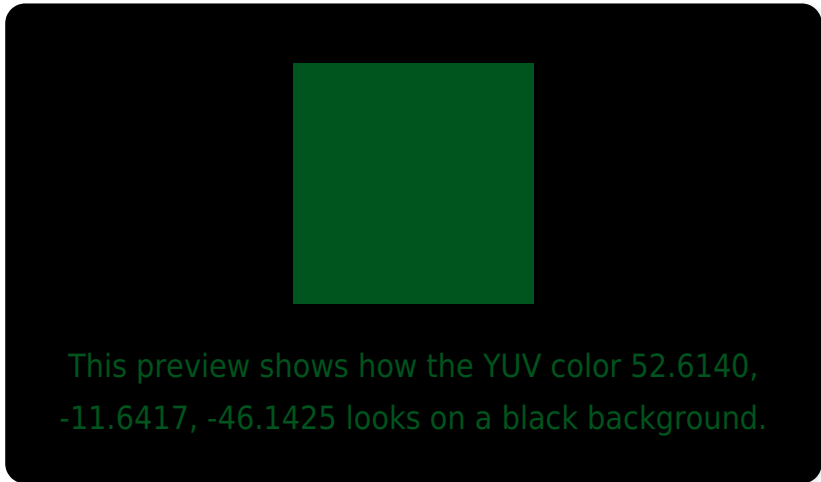
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.6140, -11.6417, -46.1425

Background



This preview shows how black text looks on a background with the YUV color 52.6140, -11.6417, -46.1425.



This preview shows how white text looks on a background with the YUV color 52.6140, -11.6417, -46.1425.

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

69.4470, -21.4194, 10.1320

Deuteranopia

70.9900, -18.2361, 15.7948

Tritanopia

66.2290, 9.2541, -28.2648

Trichromacy



Protanomaly

63.2380, -17.8653, -9.8557

Deuteranomaly

64.1290, -15.8396, -6.2521

Tritanomaly

61.5350, 1.7082, -34.6722

Monochromacy



Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.7500, -4.3137, -16.4437

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.6140, -11.6417, -46.1425 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, 84, 29)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 29)  
}
```

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, 84, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 29) }
```

Border

The CSS property to change the border of an element to YUV 52.6140, -11.6417, -46.1425 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, 84, 29) }
```

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

```
.border{ border-color:rgb(0, 84, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 84, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 84, 29); box-shadow:4px  
4px 4px 4px rgb(0, 84, 29) }
```


Background

The CSS property to change the background color of an element to YUV 52.6140, -11.6417, -46.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 29) }
```

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

```
.background{ background-color: rgb(0, 84,  
29) }
```

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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