

Converting Colors

YUV(46.9430, -20.6779,
-41.1690)

Have a look what the booklet for
YUV(46.9430, -20.6779, -41.1690)
contains.

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Color

**YUV(46.9430, -20.6779,
-41.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	004F05
RGB	0, 79, 5
RGB Percent	0%, 31%, 2%
CMY	1.0000, 0.6902, 0.9804
CMYK	1.00, 0.00, 0.94, 0.69
HSL	124°, 100%, 15%
HSV	124°, 100%, 31%
XYZ	2.8234, 5.6029, 1.0762
YIQ	46.9430, -23.3300, -39.7620

Conversions

Conversions Part 2

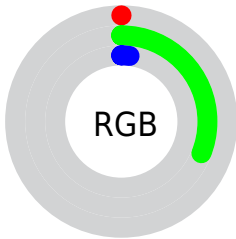
Format	Color
RYB	0, 74, 79
Decimal	20229
CIELab	28.39, -36.48, 33.61
CIELCh	28, 49.598, 137.343
Yxy	5.6029, 0.2971, 0.5896
Android (android.graphics.Color)	4278210309 (0xFF004F05)
YUV	46.9430, -20.6779, -41.1690
Hunter-Lab	23.6705, -20.1322, 13.8736

Details

The YUV color **46.9430, -20.6779, -41.1690** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **32.0570, 20.6779, 41.1690**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.1290, -22.7416, -32.5621**, and **21.1320, -10.4181, -18.5328** is the 20% darker color. If you saturate the color by 10%, you get **46.9430, -20.6779, -41.1690**, and if you desaturate by 10%, it is **50.1330, -18.7996, -36.9506**.

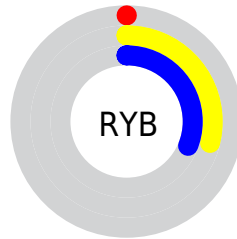
Distribution



Red (0%)

Green (31%)

Blue (2%)



Red (0%)

Yellow (29%)

Blue (31%)

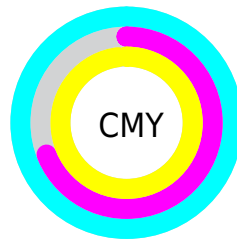


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (69%)



Cyan (100%)


Magenta (69%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 46.9430, -20.6779, -41.1690 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 46.9430, -20.6779, -41.1690 by changing the saturation by 10% instead.


 46.9430, -20.6779,
-41.1690

 46.9430, -20.6779,
-41.1690


 253.2900, -6.5520,
1.4997


 32.2850, -15.9165,
-28.3139


 101.1290,
-22.7416, -32.5621


 21.1320, -10.4181,
-18.5328

 127.4880,
-23.9046, -32.8770

 0.0000, 0.0000,
0.0000


 154.2600,
-24.7782, -32.6770


 181.6190,
-25.9412, -32.9919


 209.2060,
-26.2306, -33.5067


 230.0480,


-23.1947, -27.2291


 241.9110,
-15.2391, -12.1999


 46.9430, -20.6779,
-41.1690

 50.1330, -18.7996,
-36.9506

 53.4370, -16.4844,
-32.8322

 56.6270, -14.6061,
-28.6139

 59.9310, -12.2910,
-24.4955

 63.1210, -10.4127,
-20.2771

■ 66.0120, -8.3869,
-16.6735

■ 69.3160, -6.0718,
-12.5551

■ 72.5060, -4.1935,
-8.3368

■ 75.8100, -1.8783,
-4.2184

Harmonies

Analogous

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



60.8020, -29.9754, 1.0506



46.9430, -20.6779, -41.1690



53.7200, -2.3270, -47.1124

Triad

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



46.9430, -20.6779, -41.1690



60.8000, 40.0316, -53.3216



55.6910, -4.2847, 67.8000

Complementary

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



46.9430, -20.6779, -41.1690



32.0570, 20.6779, 41.1690

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.



59.6910, 12.4773, 58.1530



46.9430, -20.6779, -41.1690



54.2400, 42.7727, -45.8145

Square

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



46.9430, -20.6779, -41.1690



62.1560, 29.9961, -54.5108



67.7990, 25.2421, 23.8553



60.6850, -25.4807, 52.8963

Rectangle

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



46.9430, -20.6779, -41.1690



57.3850, 9.1772, -50.3266



67.7990, 25.2421, 23.8553



54.7110, 2.1145, 68.6595

Sweetspot

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



46.9430, -20.6779, -41.1690



89.4250, -8.0975, -16.1587



68.7980, -33.9174, 5.4392



43.6800, -4.7722, -9.3664



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



46.9430, -20.6779, -41.1690



60.5580, -26.8971, -53.1094



51.2750, -4.0796, -44.9682



36.4620, -0.7208, -2.1592



136.7200, -60.0080, -119.9034

Inverse Universe

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



32.0570, 20.6779, 41.1690



41.4420, 26.8971, 53.1094



27.7250, 4.0796, 44.9682



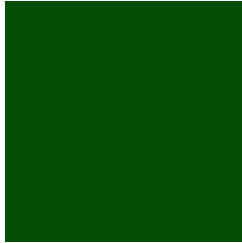
35.6520, 1.1576, 2.0592



93.2800, 60.0080, 119.9034

Previews

White Background



This preview shows how the YUV color 46.9430, -20.6779, -41.1690 looks on a white background.

Color Contrast Check

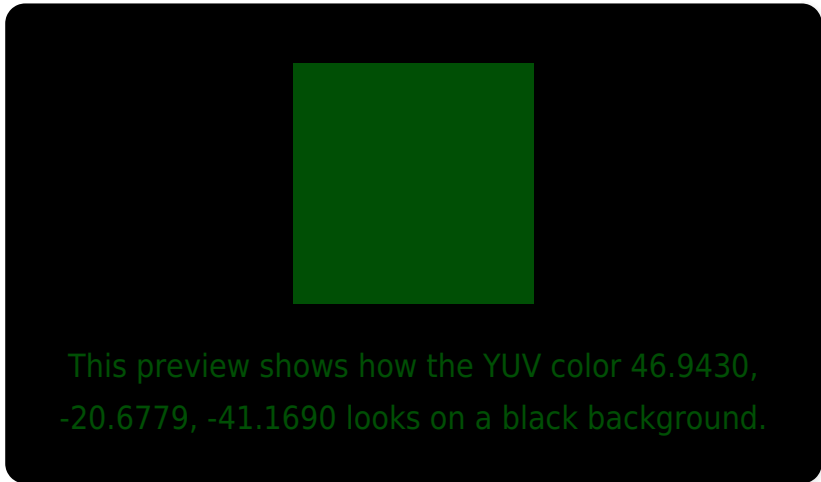
Large Text (above 18pt) WCAG AA ✓ Pass

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

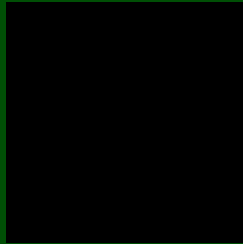
Any Text WCAG AA × Fail

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 46.9430, -20.6779, -41.1690 Background



This preview shows how black text looks on a background with the YUV color 46.9430, -20.6779, -41.1690.



This preview shows how white text looks on a background with the YUV color 46.9430, -20.6779,

-41.1690.

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

46.9430, -20.6779, -41.1690

Protanopia

62.6400, -30.8815, 11.7167

Deuteranopia

65.0350, -23.1883, 17.5093



Tritanopia

61.7240, 8.5171, -25.1909

Trichromacy



Original Color

46.9430, -20.6779, -41.1690

Protanomaly

56.8440, -27.0381, -7.7562

Deuteranomaly

58.1310, -22.2496, -3.6229

Tritanomaly

56.2320, -2.0864, -30.8985

Monochromacy



Original Color

46.9430, -20.6779, -41.1690

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2510, -7.5187, -15.1291

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9430, -20.6779, -41.1690 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, 79, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 5)  
}
```

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, 79, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 5) }
```

Border

The CSS property to change the border of an element to YUV 46.9430, -20.6779, -41.1690 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, 79, 5) }
```

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

```
.border{ border-color:rgb(0, 79, 5) }
```

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

Here you see how a box with a 4 pixel rgb(0, 79, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 79, 5); box-shadow:4px  
4px 4px 4px rgb(0, 79, 5) }
```

Background

The CSS property to change the background color of an element to YUV 46.9430, -20.6779, -41.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 5) }
```

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

```
.background{ background-color: rgb(0, 79,  
5) }
```

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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