

Converting Colors

YUV(46.9430, -13.7759,
-14.8590)

Have a look what the booklet for
YUV(46.9430, -13.7759, -14.8590)
contains.

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Color

**YUV(46.9430, -13.7759,
-14.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3D13
RGB	30, 61, 19
RGB Percent	12%, 24%, 7%
CMY	0.8824, 0.7608, 0.9255
CMYK	0.51, 0.00, 0.69, 0.76
HSL	104°, 53%, 16%
HSV	104°, 69%, 24%
XYZ	2.3217, 3.6605, 1.2003
YIQ	46.9430, -4.9940, -19.6340

Conversions

Conversions Part 2

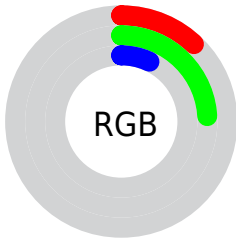
Format	Color
R_{YB}	19, 61, 50
Decimal	1981715
CIE _{Lab}	22.52, -20.94, 21.90
CIE _{LCh}	23, 30.297, 133.724
Yxy	3.6605, 0.3232, 0.5096
Android (android.graphics.Color)	4280171795 (0xFF1E3D13)
YUV	46.9430, -13.7759, -14.8590
Hunter-Lab	19.1325, -11.8211, 9.6732

Details

The YUV color **46.9430, -13.7759, -14.8590** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **33.0570, 13.7759, 14.8590**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1880, -15.3757, -15.0739**, and **9.3920, -4.6303, -8.2368** is the 20% darker color. If you saturate the color by 10%, you get **44.7640, -15.6597, -17.3330**, and if you desaturate by 10%, it is **49.1220, -11.8921, -12.3850**.

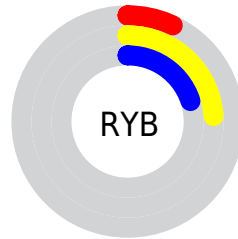
Distribution



Red (12%)

Green (24%)

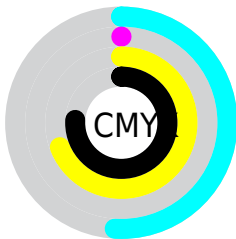
Blue (7%)



Red (7%)

Yellow (24%)

Blue (20%)

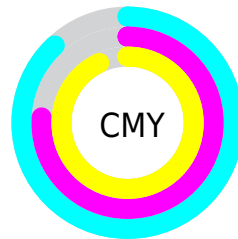


Cyan (51%)

Magenta (0%)

Yellow (69%)

Black (76%)



Cyan (88%)


Magenta (76%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 46.9430, -13.7759, -14.8590 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, -13.7759, -14.8590 by changing the saturation by 10% instead.


 46.9430, -13.7759,
-14.8590


 46.9430, -13.7759,
-14.8590

 254.0880, -3.4944,
0.7998


 26.1820, -12.9077,
-13.3146


 94.1880, -15.3757,
-15.0739


 9.3920, -4.6303,
-8.2368

 119.0740,
-15.8125, -14.9739

 0.0000, 0.0000,
0.0000

 145.2480,
-16.3913, -16.0035

 171.7210,
-17.1175, -16.4183

 199.0200,
-17.2649, -15.8035

 227.1940,

-17.8436, -16.8331

■ 245.5140,
-13.0714, -7.4668

■ 46.9430, -13.7759,
-14.8590

■ 46.9430, -13.7759,
-14.8590

■ 44.7640, -15.6597,
-17.3330

■ 49.1220, -11.8921,
-12.3850

■ 42.8840, -17.6908,
-19.1923

■ 51.0020, -9.8610,
-10.5258

■ 40.7050, -19.5746,
-21.6663

■ 53.1810, -7.9772,
-8.0517

■ 40.5910, -20.0114,
-21.5663

■ 55.0610, -5.9461,
-6.1925

■ 57.2400, -4.0623,
-3.7185

■ 59.2340, -1.5944,
-1.9592

■ 61.4130, 0.2894,
0.5148

■ 63.2930, 2.3206,
2.3740

■ 65.4720, 4.2043,
4.8481

Harmonies

Analogous

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



50.0720, -22.7135, 5.1989



46.9430, -13.7759, -14.8590



42.1280, -1.0491, -36.9463

Triad

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



46.9430, -13.7759, -14.8590



46.2780, 25.0059, -40.5858



52.7920, -4.3345, 37.0164

Complementary

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



46.9430, -13.7759, -14.8590



33.0570, 13.7759, 14.8590

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.



53.9080, 6.4544, 29.8987



46.9430, -13.7759, -14.8590



50.9540, 23.1937, -19.2537

Square

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



46.9430, -13.7759, -14.8590



46.5570, 18.4594, -40.8305



55.4910, 15.5339, 10.9704



52.2400, -13.9223, 32.2385

Rectangle

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



46.9430, -13.7759, -14.8590



43.9520, 5.9397, -38.5459



55.4910, 15.5339, 10.9704



52.8180, -0.4033, 36.1166

Sweetspot

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



46.9430, -13.7759, -14.8590



73.4740, -5.6567, -5.6777



49.7550, -15.1622, 9.8619



37.4680, -3.1887, -3.9184



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



46.9430, -13.7759, -14.8590



57.1240, -21.7531, -22.9107



44.7940, -7.7864, -22.6213



29.7610, -0.8682, -1.5444



62.6530, -30.8879, -33.0217



147.6560, -72.7944, -78.6283

Inverse Universe

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



33.0570, 13.7759, 14.8590



35.1750, 21.6057, 23.5255



35.2060, 7.7864, 22.6213



28.9400, 1.0156, 0.9296



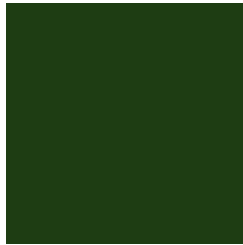
31.6460, 30.7405, 33.6365



74.3440, 72.7944, 78.6283

Previews

White Background



This preview shows how the YUV color 46.9430, -13.7759, -14.8590 looks on a white background.

Color Contrast Check

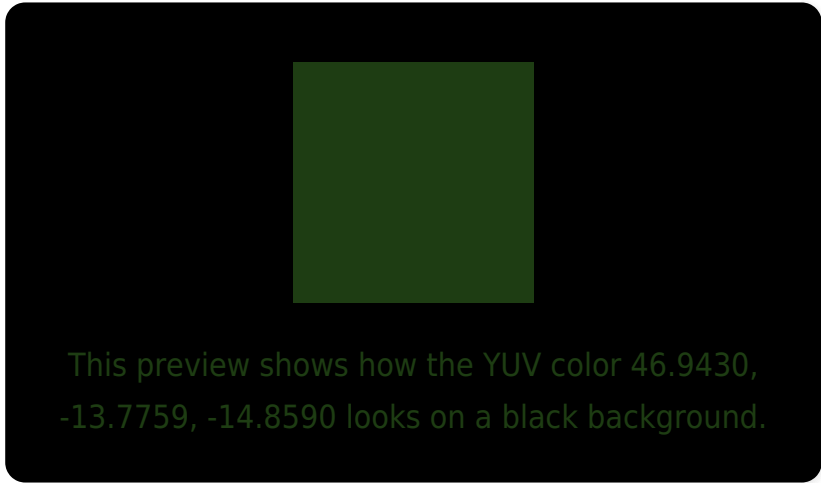
Large Text (above 18pt) WCAG AA ✓ Pass

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

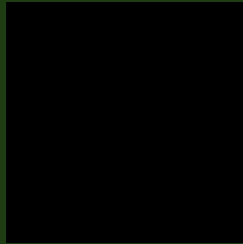
Any Text WCAG AA × Fail

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, -13.7759, -14.8590 Background



This preview shows how black text looks on a background with the YUV color 46.9430, -13.7759, -14.8590.



This preview shows how white text looks on a background with the YUV color 46.9430, -13.7759,

-14.8590.

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, -13.7759, -14.8590

Protanopia

51.5760, -17.0460, 7.3878

Deuteranopia

52.4780, -15.0257, 12.7358



Tritanopia

51.8890, 4.9847, -12.1807

Trichromacy



Original Color

46.9430, -13.7759, -14.8590

Protanomaly

50.1620, -15.8559, -1.0191

Deuteranomaly

50.8250, -14.7037, 2.7845

Tritanomaly

49.7550, -1.8512, -12.9401

Monochromacy



Original Color

46.9430, -13.7759, -14.8590

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0010, -4.9305, -5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9430, -13.7759, -14.8590 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(30, 61, 19)` looks like.

```
.text, #text, p{  
    color:rgb(30, 61, 19)  
}
```

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(30, 61, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 61, 19) }
```

Border

The CSS property to change the border of an element to YUV 46.9430, -13.7759, -14.8590 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(30, 61, 19) }
```


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

```
.border{ border-color:rgb(30, 61, 19) }
```

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

Here you see how a box with a 4 pixel rgb(30, 61, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 61, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 61, 19);  
box-shadow:4px 4px 4px 4px rgb(30, 61, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9430, -13.7759, -14.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 61, 19) }
```

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

```
.background{ background-color: rgb(30, 61,  
19) }
```

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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