

Converting Colors

YUV(46.9460, -11.3124,
35.1274)

Have a look what the booklet for
YUV(46.9460, -11.3124, 35.1274)
contains.

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Color

**YUV(46.9460, -11.3124,
35.1274)**

Conversions

Conversions Part 1

Format	Color
Hex	571F18
RGB	87, 31, 24
RGB Percent	34%, 12%, 9%
CMY	0.6588, 0.8784, 0.9059
CMYK	0.00, 0.64, 0.72, 0.66
HSL	7°, 57%, 22%
HSV	7°, 72%, 34%
XYZ	4.5853, 3.0722, 1.2155
YIQ	46.9460, 35.6230, 9.6950

Conversions

Conversions Part 2

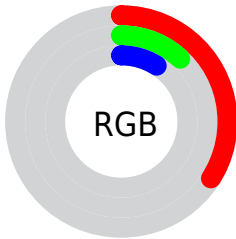
Format	Color
RYB	87, 32, 24
Decimal	5709592
CIELab	20.33, 25.42, 17.94
CIELCh	20, 31.114, 35.213
Yxy	3.0722, 0.5168, 0.3462
Android (android.graphics.Color)	4283899672 (0xFF571F18)
YUV	46.9460, -11.3124, 35.1274
Hunter-Lab	17.5276, 16.0236, 8.1578

Details

The YUV color **46.9460, -11.3124, 35.1274** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.0540, 11.3124, -35.1274**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5830, -14.0914, 39.8307**, and **11.7750, -5.3121, 23.8763** is the 20% darker color. If you saturate the color by 10%, you get **41.2240, -12.9284, 40.1456**, and if you desaturate by 10%, it is **52.6680, -9.6963, 30.1092**.

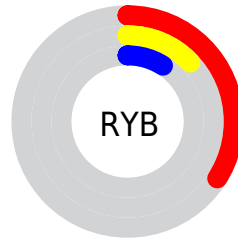
Distribution



Red (34%)

Green (12%)

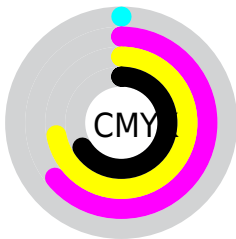
Blue (9%)



Red (34%)

Yellow (13%)

Blue (9%)

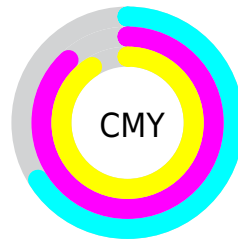


Cyan (0%)

Magenta (64%)

Yellow (72%)

Black (66%)



Cyan (66%)

Magenta (88%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9460, -11.3124, 35.1274 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 46.9460, -11.3124, 35.1274 by changing the saturation by 10% instead.

■ 46.9460, -11.3124,
35.1274

■ 46.9460, -11.3124,
35.1274

■ 254.5440, -1.7472,
0.3999

■ 22.6470, -11.1650,
34.5126

■ 95.5830, -14.0914,
39.8307

■ 11.7750, -5.3121,
23.8763

■ 120.7790,
-14.6810, 42.2898

■ 0.0000, 0.0000,
0.0000

■ 147.1490,
-15.8495, 43.7193

■ 174.0460,
-16.2917, 45.5637

■ 201.5300,
-17.0233, 46.8932

■ 221.0440,

-13.3327, 29.7794

240.6720, -9.2053,
12.5657

46.9460, -11.3124,
35.1274

46.9460, -11.3124,
35.1274

41.2240, -12.9284,
40.1456

52.6680, -9.6963,
30.1092

36.2030, -14.3971,
44.5490

57.6890, -8.2277,
25.7057

31.8830, -15.7183,
48.3376

63.4110, -6.6116,
20.6876

69.1330, -4.9956,
15.6694

74.8550, -3.3795,
10.6512

■ 79.8760, -1.9109,
6.2477

■ 85.5980, -0.2948,
1.2296

■ 91.3200, 1.3212,
-3.7886

■ 96.9280, 2.5005,
-8.7069

Harmonies

Analogous

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



47.1170, -0.5507, 36.7314



46.9460, -11.3124, 35.1274



46.8340, -21.6102, 24.7016

Triad

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



46.9460, -11.3124, 35.1274



37.3520, -4.1175, -32.7577



40.1800, 27.0263, -35.2379

Complementary

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



46.9460, -11.3124, 35.1274



64.0540, 11.3124, -35.1274

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.



43.1320, 23.1059, -37.8268



46.9460, -11.3124, 35.1274



41.1480, 5.3500, -36.0868

Square

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



46.9460, -11.3124, 35.1274



42.9500, -17.7233, -8.7261



43.1830, 15.6858, -37.8715



50.1310, 18.1764, 3.3931

Rectangle

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



46.9460, -11.3124, 35.1274



46.7250, -23.0354, 15.1502



43.1830, 15.6858, -37.8715



41.9410, 26.1581, -36.7823

Sweetspot

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



46.9460, -11.3124, 35.1274



96.3500, -4.1165, 13.7251



49.3350, 15.6108, 33.0322



46.7730, -2.3531, 8.0921



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.



46.9460, -11.3124, 35.1274



49.8730, -17.1924, 54.4854



65.1430, -20.2835, 19.1686



40.1960, -0.5896, 2.4591



39.0370, -19.2452, 59.6036



85.5270, -42.1648, 131.0878

Inverse Universe

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



64.0540, 11.3124, -35.1274



76.5400, 17.4818, -53.9706



45.8570, 20.2835, -19.1686



41.8040, 0.5896, -2.4591



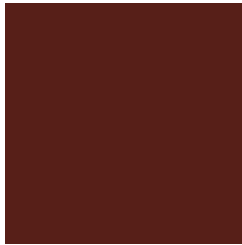
67.9630, 19.2452, -59.6036



149.4730, 42.1648, -131.0878

Previews

White Background



This preview shows how the YUV color 46.9460, -11.3124, 35.1274 looks on a white background.

Color Contrast Check

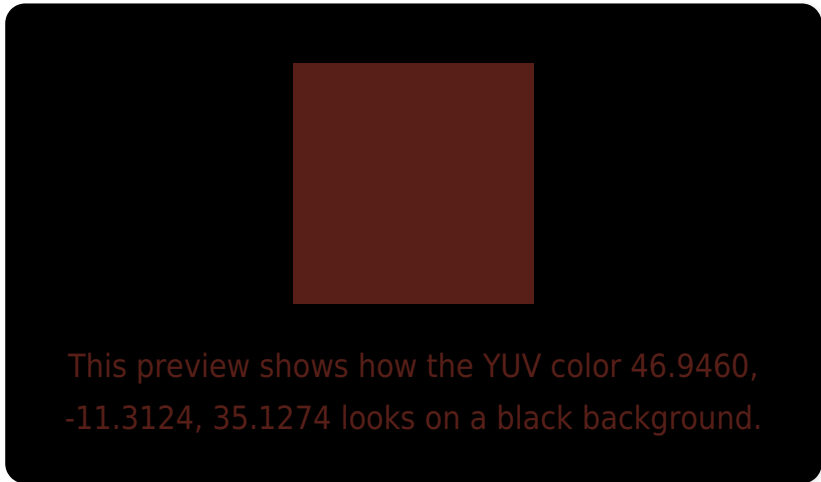
Large Text (above 18pt) WCAG AA ✓ Pass

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

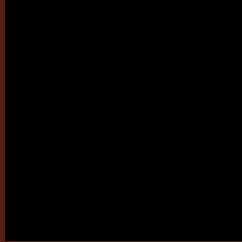
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.9460, -11.3124, 35.1274

Background



This preview shows how black text looks on a background with the YUV color 46.9460, -11.3124, 35.1274.



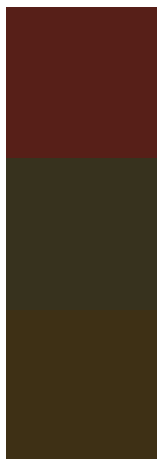
This preview shows how white text looks on a background with the YUV color 46.9460, -11.3124,

35.1274.

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

46.9460, -11.3124, 35.1274

Protanopia

49.2150, -9.4730, 5.0734

Deuteranopia

49.1080, -13.8572, 11.3063



Tritanopia

47.2710, -7.5286, 34.8423

Trichromacy



Original Color

46.9460, -11.3124, 35.1274

Protanomaly

48.4660, -10.0897, 16.2543

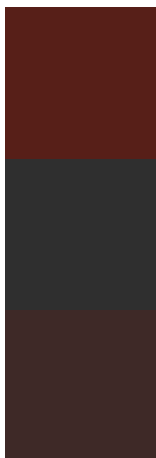
Deuteranomaly

48.3910, -13.0108, 19.8281

Tritanomaly

46.9290, -8.8390, 35.1423

Monochromacy



Original Color

46.9460, -11.3124, 35.1274

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0510, -3.9691, 13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9460, -11.3124, 35.1274 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(87, 31, 24)` looks like.

```
.text, #text, p{  
    color:rgb(87, 31, 24)  
}
```

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(87, 31, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 31, 24) }
```

Border

The CSS property to change the border of an element to YUV 46.9460, -11.3124, 35.1274 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(87, 31, 24) }
```


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

```
.border{ border-color:rgb(87, 31, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 31, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 31, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 31, 24);  
box-shadow:4px 4px 4px 4px rgb(87, 31, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9460, -11.3124, 35.1274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 31, 24) }
```

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

```
.background{ background-color: rgb(87, 31,  
24) }
```

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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