

Converting Colors

YUV(46.4190, -12.0386,
34.7125)

Have a look what the booklet for
YUV(46.4190, -12.0386, 34.7125)
contains.

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Color

**YUV(46.4190, -12.0386,
34.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	561F16
RGB	86, 31, 22
RGB Percent	34%, 12%, 9%
CMY	0.6627, 0.8784, 0.9137
CMYK	0.00, 0.64, 0.74, 0.66
HSL	8°, 59%, 21%
HSV	8°, 74%, 34%
XYZ	4.4726, 3.0163, 1.1055
YIQ	46.4190, 35.6690, 8.8610

Conversions

Conversions Part 2

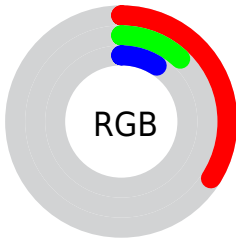
Format	Color
R_{YB}	86, 32, 22
Decimal	5644054
CIE Lab	20.11, 24.87, 18.95
CIE LCh	20, 31.267, 37.305
Yxy	3.0163, 0.5204, 0.3510
Android (android.graphics.Color)	4283834134 (0xFF561F16)
YUV	46.4190, -12.0386, 34.7125
Hunter-Lab	17.3676, 15.5746, 8.3832

Details

The YUV color **46.4190, -12.0386, 34.7125** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.5810, 12.0386, -34.7125**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.4690, -14.5282, 39.9307**, and **11.7750, -5.3121, 23.8763** is the 20% darker color. If you saturate the color by 10%, you get **41.2840, -13.9440, 39.2159**, and if you desaturate by 10%, it is **51.5540, -10.1331, 30.2091**.

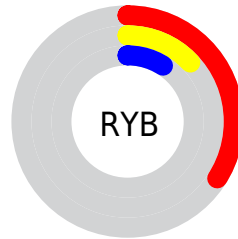
Distribution



 Red (34%)

 Green (12%)

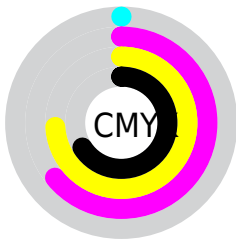
 Blue (9%)



 Red (34%)

 Yellow (13%)

 Blue (9%)

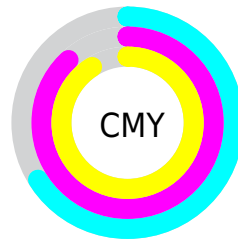


 Cyan (0%)


 Magenta (64%)

 Yellow (74%)

 Black (66%)



 Cyan (66%)

 Magenta (88%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.4190, -12.0386, 34.7125 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 46.4190, -12.0386, 34.7125 by changing the saturation by 10% instead.

46.4190, -12.0386,
34.7125

46.4190, -12.0386,
34.7125

254.2020, -3.0576,
0.6998

22.3480, -11.0176,
33.8978

94.4690, -14.5282,
39.9307

11.7750, -5.3121,
23.8763

120.1380,
-15.8440, 41.9750

0.0000, 0.0000,
0.0000

146.0350,
-16.2863, 43.8193

173.4050,
-17.4547, 45.2488

201.3020,
-17.8969, 47.0931

220.8160,

-14.2063, 29.9794

■ 240.4440,
-10.0789, 12.7656

■ 46.4190, -12.0386,
34.7125

■ 46.4190, -12.0386,
34.7125

■ 41.2840, -13.9440,
39.2159

■ 51.5540, -10.1331,
30.2091

■ 35.6760, -15.1233,
44.1341

■ 57.1620, -8.9539,
25.2909

■ 32.7580, -16.1497,
46.6932

■ 62.2970, -7.0484,
20.7875

■ 67.9050, -5.8692,
15.8693

■ 73.0400, -3.9637,
11.3659

■ 78.1750, -2.0583,
6.8625

■ 83.7830, -0.8790,
1.9443

■ 88.9180, 1.0264,
-2.5591

■ 94.5260, 2.2057,
-7.4773

Harmonies

Analogous

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



46.3020, -1.1349, 37.4461



46.4190, -12.0386, 34.7125



46.1930, -22.7731, 24.3867

Triad

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



46.4190, -12.0386, 34.7125



37.4660, -3.6807, -32.8577



39.4790, 26.8789, -34.6231

Complementary

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



46.4190, -12.0386, 34.7125



61.5810, 12.0386, -34.7125

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.



43.2460, 23.5427, -37.9267



46.4190, -12.0386, 34.7125



40.7890, 6.5130, -35.7720

Square

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



46.4190, -12.0386, 34.7125



42.0530, -17.2811, -10.5705



43.2970, 16.1226, -37.9715



49.9140, 17.2974, 5.3374

Rectangle

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



46.4190, -12.0386, 34.7125



46.1270, -22.7406, 13.9206



43.2970, 16.1226, -37.9715



41.2400, 26.0107, -36.1675

Sweetspot

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



46.4190, -12.0386, 34.7125



96.9370, -4.4059, 13.2103



47.4060, 14.5898, 33.8469



47.3600, -2.6425, 7.5773



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.



46.4190, -12.0386, 34.7125



50.1180, -18.7922, 54.2705



65.2030, -21.2991, 18.2390



40.7830, -0.8790, 1.9443



40.7980, -20.1134, 58.0592



89.6360, -44.1905, 127.4842

Inverse Universe

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



61.5810, 12.0386, -34.7125



73.8820, 18.7922, -54.2705



42.7970, 21.2991, -18.2390



41.8040, 0.5896, -2.4591



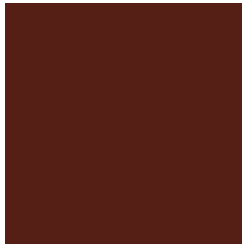
66.2020, 20.1134, -58.0592



145.3640, 44.1905, -127.4842

Previews

White Background



This preview shows how the YUV color 46.4190, -12.0386, 34.7125 looks on a white background.

Color Contrast Check

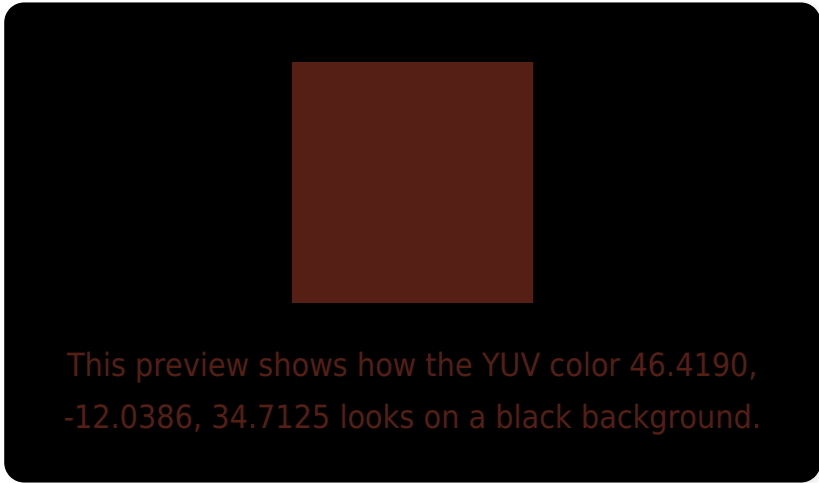
Large Text (above 18pt) WCAG AA ✓ Pass

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

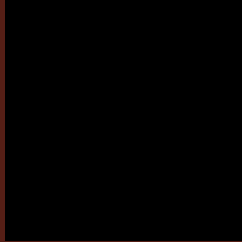
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.4190, -12.0386, 34.7125

Background



This preview shows how black text looks on a background with the YUV color 46.4190, -12.0386, 34.7125.

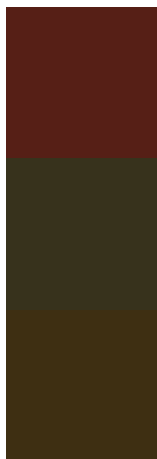


This preview shows how white text looks on a background with the YUV color 46.4190, -12.0386,

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

46.4190, -12.0386, 34.7125

Protanopia

48.9870, -10.3466, 5.2734

Deuteranopia

48.1790, -14.8782, 12.1210



Tritanopia

46.8580, -7.8180, 34.3275

Trichromacy



Original Color

46.4190, -12.0386, 34.7125

Protanomaly

47.9390, -10.8159, 15.8395

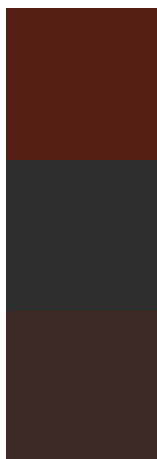
Deuteranomaly

47.4620, -14.0318, 20.6428

Tritanomaly

46.5160, -9.1284, 34.6275

Monochromacy



Original Color

46.4190, -12.0386, 34.7125

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.5240, -4.6953, 12.6955

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.4190, -12.0386, 34.7125 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(86, 31, 22)` looks like.

```
.text, #text, p{  
    color:rgb(86, 31, 22)  
}
```

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(86, 31, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 31, 22) }
```

Border

The CSS property to change the border of an element to YUV 46.4190, -12.0386, 34.7125 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(86, 31, 22) }
```


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

```
.border{ border-color:rgb(86, 31, 22) }
```

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

Here you see how a box with a 4 pixel rgb(86, 31, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 31, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 31, 22);  
box-shadow:4px 4px 4px 4px rgb(86, 31, 22)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.4190, -12.0386, 34.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 31, 22) }
```

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

```
.background{ background-color: rgb(86, 31,  
22) }
```

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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