

Converting Colors

YUV(48.6270, -14.1131,
46.8081)

Have a look what the booklet for
YUV(48.6270, -14.1131, 46.8081)
contains.

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Color

**YUV(48.6270, -14.1131,
46.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	661B14
RGB	102, 27, 20
RGB Percent	40%, 11%, 8%
CMY	0.6000, 0.8941, 0.9216
CMYK	0.00, 0.74, 0.80, 0.60
HSL	5°, 67%, 24%
HSV	5°, 80%, 40%
XYZ	5.9977, 3.6592, 1.0520
YIQ	48.6270, 46.9470, 13.7230

Conversions

Conversions Part 2

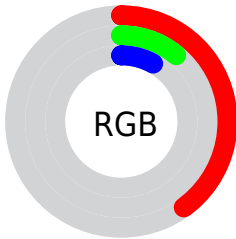
Format	Color
R_{YB}	102, 28, 20
Decimal	6691604
CIE Lab	22.51, 33.06, 23.80
CIE LCh	23, 40.740, 35.748
Yxy	3.6592, 0.5601, 0.3417
Android (android.graphics.Color)	4284881684 (0xFF661B14)
YUV	48.6270, -14.1131, 46.8081
Hunter-Lab	19.1289, 22.4914, 10.1296

Details

The YUV color **48.6270, -14.1131, 46.8081** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **73.3730, 14.1131, -46.8081**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0360, -17.7657, 51.7114**, and **14.6510, -7.2229, 30.1241** is the 20% darker color. If you saturate the color by 10%, you get **42.2040, -15.8766, 52.4411**, and if you desaturate by 10%, it is **55.0500, -12.3496, 41.1752**.

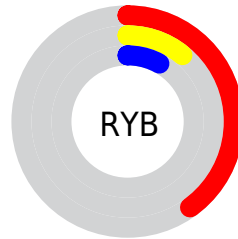
Distribution



Red (40%)

Green (11%)

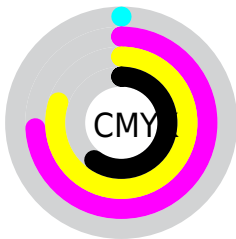
Blue (8%)



Red (40%)

Yellow (11%)

Blue (8%)

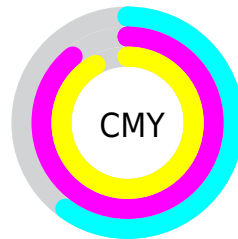


Cyan (0%)

Magenta (74%)

Yellow (80%)

Black (60%)



Cyan (60%)

Magenta (89%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6270, -14.1131, 46.8081 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 48.6270, -14.1131, 46.8081 by changing the saturation by 10% instead.

48.6270, -14.1131,
46.8081

48.6270, -14.1131,
46.8081

253.9740, -3.9312,
0.8998

22.4250, -11.0555,
46.1083

99.0360, -17.7657,
51.7114

14.6510, -7.2229,
30.1241

125.0040,
-19.2290, 54.3705

0.5980, -0.2948,
1.2296

152.0860,
-20.2554, 56.9296


0.0000, 0.0000,
0.0000


179.1680,
-21.2818, 59.4887


201.0740,
-18.7705, 47.2931


220.5880,


-15.0799, 30.1793


 240.1020,
-11.3893, 13.0655


 48.6270, -14.1131,
46.8081


 48.6270, -14.1131,
46.8081


 42.2040, -15.8766,
52.4411


 55.0500, -12.3496,
41.1752

 35.7810, -17.6400,
58.0741

 62.0600, -10.8756,
35.0274

 68.5970, -8.6753,
29.2944

 75.0200, -6.9119,
23.6615

 82.0300, -5.4378,
17.5137

■ 88.4530, -3.6743,
11.8807

■ 94.8760, -1.9109,
6.2477

■ 102.0000, 0.0000,
0.0000

■ 108.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



46.6720, 1.1477, 52.0307



48.6270, -14.1131, 46.8081



50.9550, -25.1208, 30.7345

Triad

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



48.6270, -14.1131, 46.8081



41.2330, -7.0169, -36.1613



45.9820, 34.0259, -40.3262

Complementary

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



48.6270, -14.1131, 46.8081



73.3730, 14.1131, -46.8081

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.



49.4070, 29.3793, -43.3299



48.6270, -14.1131, 46.8081



46.0550, 6.3819, -40.3902

Square

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



48.6270, -14.1131, 46.8081



45.0650, -22.2170, -14.0890



49.4750, 19.4858, -43.3896



54.9230, 23.7020, 4.4525

Rectangle

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



48.6270, -14.1131, 46.8081



51.1660, -25.2248, 17.3944



49.4750, 19.4858, -43.3896



47.7430, 33.1577, -41.8706

Sweetspot

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



48.6270, -14.1131, 46.8081



111.7420, -5.2958, 18.6433



53.0680, 20.6725, 42.9134



53.8550, -3.3795, 10.6512



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



48.6270, -14.1131, 46.8081



49.7290, -22.0514, 73.0287



72.6940, -25.9781, 25.7014



47.4950, -0.7370, 3.0739



40.2550, -19.8457, 65.5514



84.6850, -41.7497, 137.9653

Inverse Universe

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



73.3730, 14.1131, -46.8081



88.2710, 22.0514, -73.0287



49.3060, 25.9781, -25.7014



49.5050, 0.7370, -3.0739



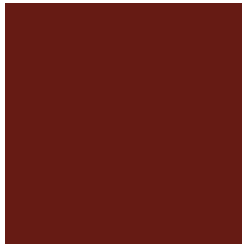
74.7450, 19.8457, -65.5514



157.9020, 41.4603, -138.4801

Previews

White Background



This preview shows how the YUV color 48.6270, -14.1131, 46.8081 looks on a white background.

Color Contrast Check

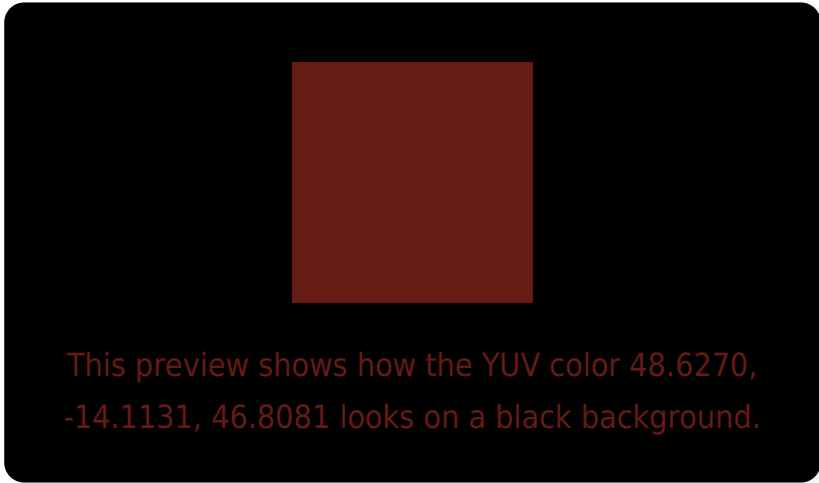
Large Text (above 18pt) WCAG AA ✓ Pass

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

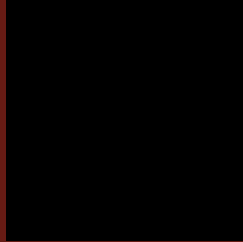
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.6270, -14.1131, 46.8081

Background



This preview shows how black text looks on a background with the YUV color 48.6270, -14.1131, 46.8081.

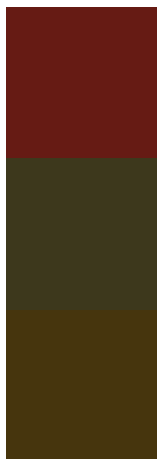


This preview shows how white text looks on a background with the YUV color 48.6270, -14.1131,

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

48.6270, -14.1131, 46.8081

Protanopia

54.3030, -12.9674, 5.8733

Deuteranopia

53.5230, -19.9778, 14.4503



Tritanopia

48.8380, -10.7661, 46.6231

Trichromacy



Original Color

48.6270, -14.1131, 46.8081

Protanomaly

51.9890, -13.3056, 21.0576

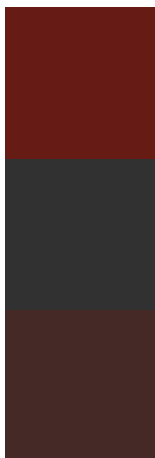
Deuteranomaly

52.1700, -17.8318, 26.1609

Tritanomaly

48.4960, -12.0765, 46.9230

Monochromacy



Original Color

48.6270, -14.1131, 46.8081

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7310, -5.2904, 16.8989

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6270, -14.1131, 46.8081 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(102, 27, 20)` looks like.

```
.text, #text, p{  
    color:rgb(102, 27, 20)  
}
```

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(102, 27, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 27, 20) }
```

Border

The CSS property to change the border of an element to YUV 48.6270, -14.1131, 46.8081 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(102, 27, 20) }
```


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

```
.border{ border-color:rgb(102, 27, 20) }
```

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

Here you see how a box with a 4 pixel rgb(102, 27, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 27, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 27, 20);  
box-shadow:4px 4px 4px 4px rgb(102, 27,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 48.6270, -14.1131, 46.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 27, 20) }
```

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

```
.background{ background-color: rgb(102, 27,  
20) }
```

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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