

Converting Colors

YUV(46.6670, -15.1188, -4.0930)

Have a look what the booklet for
YUV(46.6670, -15.1188, -4.0930)
contains.

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Color

**YUV(46.6670, -15.1188,
-4.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3710
RGB	42, 55, 16
RGB Percent	16%, 22%, 6%
CMY	0.8353, 0.7843, 0.9373
CMYK	0.24, 0.00, 0.71, 0.78
HSL	80°, 55%, 14%
HSV	80°, 71%, 22%
XYZ	2.4146, 3.2620, 0.9926
YIQ	46.6670, 4.7710, -14.8850

Conversions

Conversions Part 2

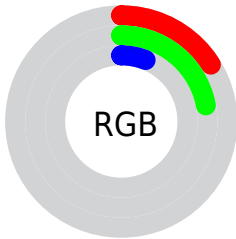
Format	Color
RYB	16, 55, 29
Decimal	2766608
CIELab	21.06, -12.78, 22.12
CIELCh	21, 25.548, 120.004
Yxy	3.2620, 0.3620, 0.4891
Android (android.graphics.Color)	4280956688 (0xFF2A3710)
YUV	46.6670, -15.1188, -4.0930
Hunter-Lab	18.0611, -7.7435, 9.3844

Details

The YUV color **46.6670, -15.1188, -4.0930** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.3330, 15.1188, 4.0930**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3250, -16.4292, -3.7930**, and **4.1090, -2.0257, -3.6036** is the 20% darker color. If you saturate the color by 10%, you get **45.4990, -17.0080, -4.8226**, and if you desaturate by 10%, it is **47.9490, -12.7929, -3.4633**.

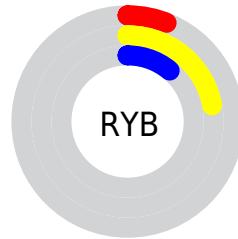
Distribution



Red (16%)

Green (22%)

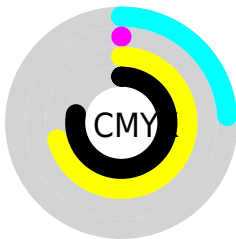
Blue (6%)



Red (6%)

Yellow (22%)

Blue (11%)

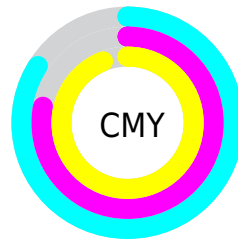


Cyan (24%)

Magenta (0%)

Yellow (71%)

Black (78%)



Cyan (84%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.6670, -15.1188, -4.0930 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 46.6670, -15.1188, -4.0930 by changing the saturation by 10% instead.

46.6670, -15.1188,
-4.0930

46.6670, -15.1188,
-4.0930

253.6320, -5.2416,
1.1997

25.9490, -12.7929,
-3.4633

93.3250, -16.4292,
-3.7930

4.1090, -2.0257,
-3.6036

118.0970,
-17.3028, -3.5931

0.0000, 0.0000,
0.0000

143.6840,
-17.5922, -4.1079

170.4560,
-18.4658, -3.9079

197.4560,
-18.4658, -3.9079

225.3420,

-18.9026, -3.8079

■ 248.8310,
-17.1717, 1.0252

■ 46.6670, -15.1188,
-4.0930

■ 46.6670, -15.1188,
-4.0930

■ 45.4990, -17.0080,
-4.8226

■ 47.9490, -12.7929,
-3.4633

■ 44.2170, -19.3340,
-5.4523

■ 49.1170, -10.9037,
-2.7336

■ 43.3480, -21.3706,
-5.5672

■ 50.1000, -8.4303,
-2.7187

■ 51.2680, -6.5411,
-1.9890

■ 52.5500, -4.2151,
-1.3593

■ 53.7180, -2.3260,
-0.6297

■ 55.0000, 0.0000,
0.0000

■ 56.1680, 1.8892,
0.7297

■ 57.4500, 4.2152,
1.3594

Harmonies

Analogous

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



48.7290, -19.0934, 10.7617



46.6670, -15.1188, -4.0930



42.3640, -5.6025, -23.1212

Triad

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



46.6670, -15.1188, -4.0930



42.9210, 19.7589, -37.6417



50.8880, 0.0552, 29.0392

Complementary

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



46.6670, -15.1188, -4.0930



24.3330, 15.1188, 4.0930

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.



52.1130, 8.8183, 18.3179



46.6670, -15.1188, -4.0930



42.9370, 22.2161, -32.3937

Square

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



46.6670, -15.1188, -4.0930



43.0860, 12.7756, -37.7864



51.7130, 15.4245, -0.6253



50.0100, -8.3859, 29.8092

Rectangle

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



46.6670, -15.1188, -4.0930



39.5350, 1.7082, -34.6722



51.7130, 15.4245, -0.6253



51.6750, 3.1182, 26.5950

Sweetspot

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



46.6670, -15.1188, -4.0930



67.7950, -5.8149, -1.5742



35.2920, -9.5110, 17.2839



34.0770, -3.4890, -0.9445



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



46.6670, -15.1188, -4.0930



58.1800, -23.2597, -6.2969



40.6870, -12.1707, -16.3885



27.3590, -1.1630, -0.3148



72.2430, -35.6158, -9.8601



172.2070, -84.8981, -22.9835

Inverse Universe

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



24.3330, 15.1188, 4.0930



23.8200, 23.2597, 6.2969



30.3130, 12.1707, 16.3885



25.6410, 1.1630, 0.3148



19.7570, 35.6158, 9.8601



46.7930, 84.8981, 22.9835

Previews

White Background



This preview shows how the YUV color 46.6670, -15.1188, -4.0930 looks on a white background.

Color Contrast Check

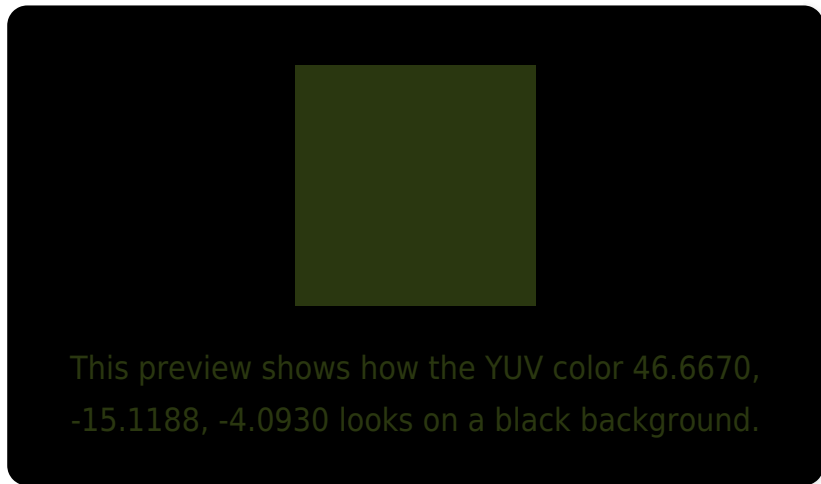
Large Text (above 18pt) WCAG AA ✓ Pass

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

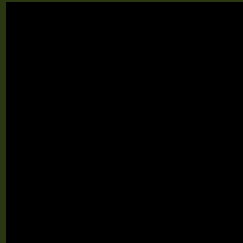
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

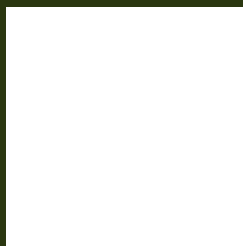
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.6670, -15.1188, -4.0930

Background



This preview shows how black text looks on a background with the YUV color 46.6670, -15.1188, -4.0930.



This preview shows how white text looks on a background with the YUV color 46.6670, -15.1188,

-4.0930.

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

46.6670, -15.1188, -4.0930

Protanopia

48.6900, -16.6092, 7.2879

Deuteranopia

49.1790, -14.8782, 12.1210



Tritanopia

50.2600, 2.3368, -2.8590

Trichromacy



Original Color

46.6670, -15.1188, -4.0930

Protanomaly

47.7820, -16.1615, 3.6992

Deuteranomaly

48.4340, -15.0040, 5.7584

Tritanomaly

48.6530, -3.7729, -3.2037

Monochromacy



Original Color

46.6670, -15.1188, -4.0930

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9090, -5.3781, -1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.6670, -15.1188, -4.0930 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(42, 55, 16)` looks like.

```
.text, #text, p{  
    color:rgb(42, 55, 16)  
}
```

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(42, 55, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 55, 16) }
```

Border

The CSS property to change the border of an element to YUV 46.6670, -15.1188, -4.0930 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(42, 55, 16) }
```


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

```
.border{ border-color:rgb(42, 55, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 55, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 55, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 55, 16);  
box-shadow:4px 4px 4px 4px rgb(42, 55, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.6670, -15.1188, -4.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 55, 16) }
```

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

```
.background{ background-color: rgb(42, 55,  
16) }
```

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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