

Converting Colors

YUV(66.4230, -14.9985, 4.0140)

Have a look what the booklet for
YUV(66.4230, -14.9985, 4.0140)
contains.

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Color

**YUV(66.4230, -14.9985,
4.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	474624
RGB	71, 70, 36
RGB Percent	28%, 27%, 14%
CMY	0.7216, 0.7255, 0.8588
CMYK	0.00, 0.01, 0.49, 0.72
HSL	58°, 33%, 21%
HSV	58°, 49%, 28%
XYZ	5.1071, 5.8473, 2.5285
YIQ	66.4230, 11.5100, -10.3620

Conversions

Conversions Part 2

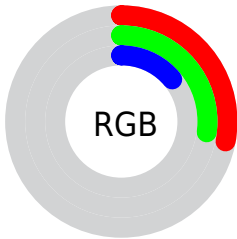
Format	Color
RYB	37, 71, 36
Decimal	4671012
CIELab	29.02, -5.39, 20.57
CIElCh	29, 21.262, 104.692
Yxy	5.8473, 0.3788, 0.4337
Android (android.graphics.Color)	4282861092 (0xFF474624)
YUV	66.4230, -14.9985, 4.0140
Hunter-Lab	24.1812, -4.6173, 10.7271

Details

The YUV color **66.4230, -14.9985, 4.0140** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **40.5770, 14.9985, -4.0140**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3800, -16.4563, 4.9287**, and **23.9220, -11.7935, 2.6994** is the 20% darker color. If you saturate the color by 10%, you get **65.6250, -18.0561, 4.7139**, and if you desaturate by 10%, it is **67.2210, -11.9410, 3.3142**.

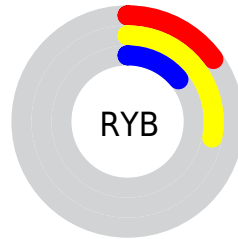
Distribution



Red (28%)

Green (27%)

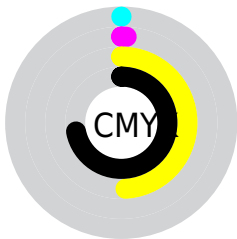
Blue (14%)



Red (15%)

Yellow (28%)

Blue (14%)

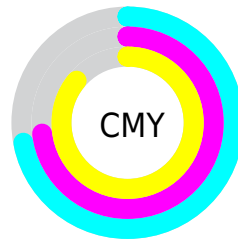


Cyan (0%)

Magenta (1%)

Yellow (49%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4230, -14.9985, 4.0140 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 66.4230, -14.9985, 4.0140 by changing the saturation by 10% instead.

66.4230, -14.9985,
4.0140

66.4230, -14.9985,
4.0140

255.0000, 0.0000,
0.0000

44.2380, -14.4143,
3.2993

114.3800,
-16.4563, 4.9287

23.9220, -11.7935,
2.6994

140.2660,
-16.8931, 5.0287

0.0000, 0.0000,
0.0000

166.4510,
-17.4773, 5.7435

193.6360,
-18.0615, 6.4582

221.5220,
-18.4983, 6.5582

249.5110,

-18.4929, 4.8139

253.2900, -6.5520,
1.4997

66.4230, -14.9985,
4.0140

66.4230, -14.9985,
4.0140

65.6250, -18.0561,
4.7139

67.2210, -11.9410,
3.3142

64.8270, -21.1137,
5.4137

68.0190, -8.8834,
2.6143

63.4420, -23.8819,
6.6284

69.4040, -6.1152,
1.3997

62.6440, -26.9395,
7.3282

70.2020, -3.0576,
0.6998

61.7320, -30.4339,
8.1280

71.1140, 0.4368,
-0.1000

■ 71.9120, 3.4944,
-0.7998

■ 72.7100, 6.5520,
-1.4997

■ 74.0950, 9.3202,
-2.7143

■ 74.8930, 12.3778,
-3.4142

Harmonies

Analogous

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



68.0870, -15.3259, 15.7097



66.4230, -14.9985, 4.0140



64.3010, -10.0084, -9.9110

Triad

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



66.4230, -14.9985, 4.0140



54.9860, 17.7549, -48.2227



70.1690, 3.8607, 21.7768

Complementary

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



66.4230, -14.9985, 4.0140



40.5770, 14.9985, -4.0140

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.



70.2150, 10.7400, 8.5814



66.4230, -14.9985, 4.0140



62.3240, 18.5743, -30.9791

Square

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



66.4230, -14.9985, 4.0140



53.8630, 10.9135, -47.2379



67.7720, 15.8884, -9.4470



69.7260, -4.3019, 26.5503

Rectangle

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



66.4230, -14.9985, 4.0140



62.4290, -4.1555, -20.5472



67.7720, 15.8884, -9.4470



70.7170, 6.0555, 17.7882

Sweetspot

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



66.4230, -14.9985, 4.0140



89.8170, -5.8258, 1.9145



46.5790, -4.7224, 21.4172



45.0880, -3.4944, 0.7998



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



66.4230, -14.9985, 4.0140



84.6700, -23.0083, 6.4284



62.2260, -12.9294, -6.3372



35.5440, -1.7472, 0.3999



86.5400, -42.6642, 10.9274



197.0130, -97.1274, 26.2986

Inverse Universe

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



40.5770, 14.9985, -4.0140



44.7430, 23.2977, -5.9136



44.7740, 12.9294, 6.3372



32.4560, 1.7472, -0.3999



13.0470, 42.3748, -11.4422



29.4000, 97.4168, -25.7838

Previews

White Background



This preview shows how the YUV color 66.4230, -14.9985, 4.0140 looks on a white background.

Color Contrast Check

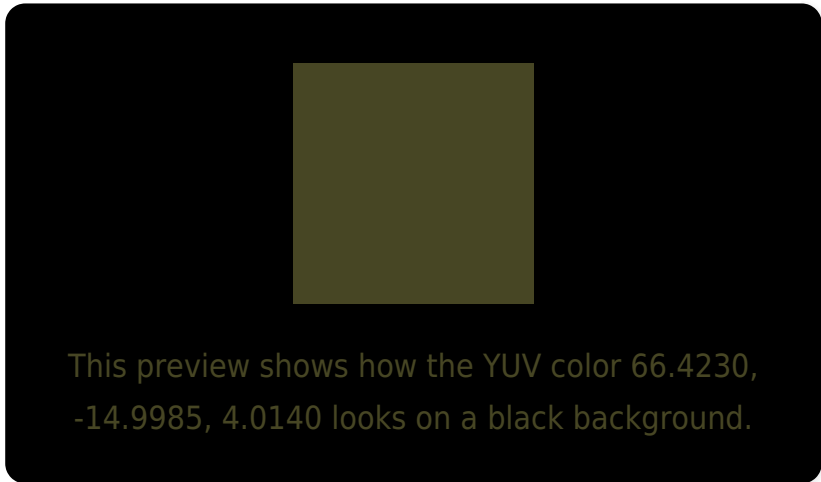
Large Text (above 18pt) WCAG AA ✓ Pass

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

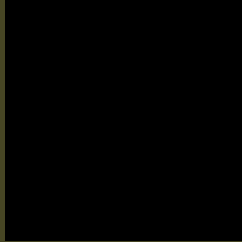
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4230, -14.9985, 4.0140

Background



This preview shows how black text looks on a background with the YUV color 66.4230, -14.9985, 4.0140.



This preview shows how white text looks on a background with the YUV color 66.4230, -14.9985,

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

66.4230, -14.9985, 4.0140

Protanopia

67.2170, -15.8830, 7.7027

Deuteranopia

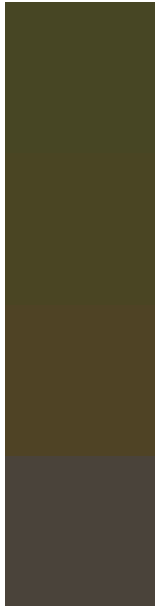
67.4890, -15.0311, 14.4801



Tritanopia

69.2610, 0.8573, 5.0331

Trichromacy



Original Color

66.4230, -14.9985, 4.0140

Protanomaly

66.6190, -15.5882, 6.4731

Deuteranomaly

67.1680, -14.8728, 10.3767

Tritanomaly

68.0670, -4.9630, 5.2032

Monochromacy



Original Color

66.4230, -14.9985, 4.0140

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4230, -14.9985, 4.0140 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(71, 70, 36)` looks like.

```
.text, #text, p{  
    color:rgb(71, 70, 36)  
}
```

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(71, 70, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 70, 36) }
```

Border

The CSS property to change the border of an element to YUV 66.4230, -14.9985, 4.0140 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(71, 70, 36) }
```


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

```
.border{ border-color:rgb(71, 70, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 70, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 70, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 70, 36);  
box-shadow:4px 4px 4px 4px rgb(71, 70, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.4230, -14.9985, 4.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 70, 36) }
```

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

```
.background{ background-color: rgb(71, 70,  
36) }
```

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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