

Converting Colors

YUV(74.4300, 4.2250, -48.6121)

Have a look what the booklet for
YUV(74.4300, 4.2250, -48.6121)
contains.

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Color

**YUV(74.4300, 4.2250,
-48.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	136553
RGB	19, 101, 83
RGB Percent	7%, 40%, 33%
CMY	0.9255, 0.6039, 0.6745
CMYK	0.81, 0.00, 0.18, 0.60
HSL	167°, 68%, 24%
HSV	167°, 81%, 40%
XYZ	6.4836, 10.0703, 9.7857
YIQ	74.4300, -43.0940, -22.9820

Conversions

Conversions Part 2

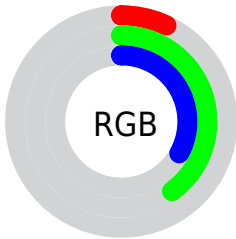
Format	Color
R_{YB}	19, 65, 101
Decimal	1271123
CIE _{Lab}	37.97, -28.33, 3.46
CIE _{LCh}	38, 28.536, 173.030
Yxy	10.0703, 0.2462, 0.3823
Android (android.graphics.Color)	4279461203 (0xFF136553)
YUV	74.4300, 4.2250, -48.6121
Hunter-Lab	31.7338, -19.0646, 3.9306

Details

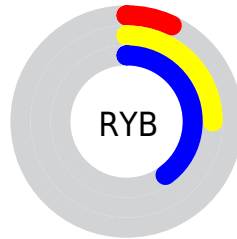
The YUV color **74.4300, 4.2250, -48.6121** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **45.5700, -4.2250, 48.6121**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1810, 1.8828, -44.0087**, and **35.4430, 1.2606, -31.0835** is the 20% darker color. If you saturate the color by 10%, you get **71.2120, 4.8255, -54.5599**, and if you desaturate by 10%, it is **77.6480, 3.6245, -42.6643**.

Distribution



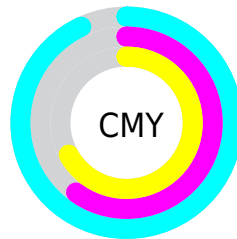
- Red (7%)
- Green (40%)
- Blue (33%)



- Red (7%)
- Yellow (25%)
- Blue (40%)



- Cyan (81%)
- Magenta (0%)
- Yellow (18%)
- Black (60%)



- Cyan (93%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.4300, 4.2250, -48.6121 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 74.4300, 4.2250, -48.6121 by changing the saturation by 10% instead.

■ 74.4300, 4.2250,
-48.6121

■ 74.4300, 4.2250,
-48.6121

255.0000, 0.0000,
0.0000

■ 52.0390, 3.9248,
-45.6382

■ 128.1810, 1.8828,
-44.0087

■ 35.4430, 1.2606,
-31.0835

■ 155.0670, 1.4460,
-43.9088

■ 21.4230, -1.6875,
-18.7880

■ 182.0670, 1.4460,
-43.9088

■ 0.0000, 0.0000,
0.0000

■ 210.3550, 1.3040,
-45.0383

■ 233.0720, 3.9085,
-40.4051

■ 243.3390, 5.7489,

-23.9763

252.0100, 1.4741,
-6.1478

74.4300, 4.2250,
-48.6121

74.4300, 4.2250,
-48.6121

71.2120, 4.8255,
-54.5599

77.6480, 3.6245,
-42.6643

68.2930, 5.2786,
-59.8930

80.8660, 3.0241,
-36.7165

84.1980, 2.8604,
-30.8686

87.4160, 2.2599,
-24.9208

90.9330, 1.5120,
-18.3582

■ 94.1510, 0.9116,
-12.4104

■ 97.4830, 0.7479,
-6.5626

■ 100.7010, 0.1474,
-0.6148

■ 103.9190, -0.4531,
5.3330

Harmonies

Analogous

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



82.1210, -10.4127, -20.2771



74.4300, 4.2250, -48.6121



71.4850, 17.5089, -62.6923

Triad

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



74.4300, 4.2250, -48.6121



89.7600, 20.8243, -5.9285



89.2030, -17.8481, 31.3940

Complementary

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



74.4300, 4.2250, -48.6121



45.5700, -4.2250, 48.6121

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.



90.3530, -8.5550, 37.4014



74.4300, 4.2250, -48.6121



92.3240, 12.1653, 18.1329

Square

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



74.4300, 4.2250, -48.6121



81.6420, 26.3055, -37.3970



91.4910, 2.2229, 33.7724



87.6760, -22.0253, 17.8241

Rectangle

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



74.4300, 4.2250, -48.6121



72.3800, 23.4767, -63.4773



91.4910, 2.2229, 33.7724



89.3220, -14.9487, 34.7976

Sweetspot

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



74.4300, 4.2250, -48.6121



119.9330, 1.5120, -18.3582



72.8150, -26.5308, -30.5328



59.8630, 1.0535, -11.2809



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.



74.4300, 4.2250, -48.6121



89.1340, 6.3429, -74.6625



63.5680, 18.4540, -39.0861



49.3910, 0.3002, -2.9739



77.7650, 6.0319, -68.1999



163.6000, 12.5222, -143.4772

Inverse Universe

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



45.5700, -4.2250, 48.6121



44.8660, -6.3429, 74.6625



56.4320, -18.4540, 39.0861



47.6090, -0.3002, 2.9739



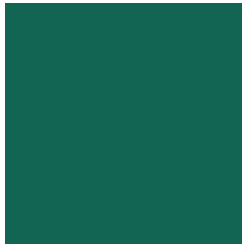
37.2350, -6.0319, 68.1999



78.4000, -12.5222, 143.4772

Previews

White Background



This preview shows how the YUV color 74.4300, 4.2250, -48.6121 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 × Fail

Black Background



This preview shows how the YUV color 74.4300, 4.2250, -48.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

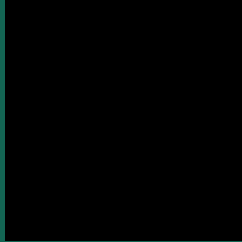
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.4300, 4.2250, -48.6121

Background



This preview shows how black text looks on a background with the YUV color 74.4300, 4.2250, -48.6121.



This preview shows how white text looks on a background with the YUV color 74.4300, 4.2250, -48.6121.

-48.6121.

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

74.4300, 4.2250, -48.6121

Protanopia

88.8280, -5.8312, 3.6588

Deuteranopia

89.8870, -1.9163, 7.9921



Tritanopia

79.7760, 12.9284, -40.1456

Trichromacy



Original Color

74.4300, 4.2250, -48.6121

Protanomaly

83.3310, -2.1352, -15.1993

Deuteranomaly

84.0370, 0.4748, -12.3104

Tritanomaly

77.9560, 9.8817, -42.9344

Monochromacy



Original Color

74.4300, 4.2250, -48.6121

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2320, 1.3646, -17.7435

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.4300, 4.2250, -48.6121 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(19, 101, 83)` looks like.

```
.text, #text, p{  
    color:rgb(19, 101, 83)  
}
```

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(19, 101, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 101, 83) }
```

Border

The CSS property to change the border of an element to YUV 74.4300, 4.2250, -48.6121 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(19, 101, 83) }
```


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

```
.border{ border-color:rgb(19, 101, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 101, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 101, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 101, 83);  
box-shadow:4px 4px 4px 4px rgb(19, 101,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 74.4300, 4.2250, -48.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 101, 83) }
```

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

```
.background{ background-color: rgb(19, 101,  
83) }
```

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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