

Converting Colors

YUV(48.3470, 33.8459,
-29.2453)

Have a look what the booklet for
YUV(48.3470, 33.8459, -29.2453)
contains.

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Color

**YUV(48.3470, 33.8459,
-29.2453)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3475
RGB	15, 52, 117
RGB Percent	6%, 20%, 46%
CMY	0.9412, 0.7961, 0.5412
CMYK	0.87, 0.56, 0.00, 0.54
HSL	218°, 77%, 26%
HSV	218°, 87%, 46%
XYZ	4.6359, 3.8419, 17.3268
YIQ	48.3470, -42.9170, 12.3710

Conversions

Conversions Part 2

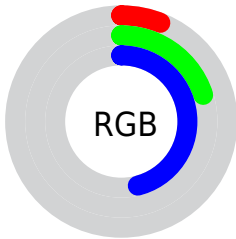
Format	Color
R_{YB}	15, 42, 117
Decimal	996469
CIE _{Lab}	23.14, 13.97, -40.89
CIE _{LCh}	23, 43.215, 288.861
Y _{xy}	3.8419, 0.1797, 0.1489
Android (android.graphics.Color)	4279186549 (0xFF0F3475)
YUV	48.3470, 33.8459, -29.2453
Hunter-Lab	19.6008, 7.9167, -38.6912

Details

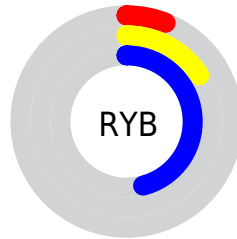
The YUV color **48.3470, 33.8459, -29.2453** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **83.6530, -33.8459, 29.2453**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.5270, 34.2502, -18.8792**, and **12.4480, 27.3871, -10.9169** is the 20% darker color. If you saturate the color by 10%, you get **40.6500, 37.6405, -33.0191**, and if you desaturate by 10%, it is **56.0440, 30.0513, -25.4716**.

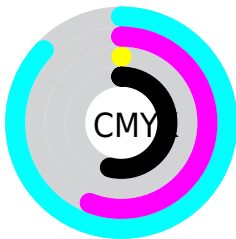
Distribution



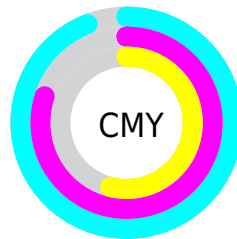
- Red (6%)
- Green (20%)
- Blue (46%)



- Red (6%)
- Yellow (16%)
- Blue (46%)



- Cyan (87%)
- Magenta (56%)
- Yellow (0%)
- Black (54%)



- Cyan (94%)
- Magenta (80%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.3470, 33.8459, -29.2453 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 48.3470, 33.8459, -29.2453 by changing the saturation by 10% instead.

■ 48.3470, 33.8459,
-29.2453

■ 48.3470, 33.8459,
-29.2453

■ 255.0000, 0.0000,
0.0000

■ 28.6850, 31.2143,
-25.1567

■ 100.5270, 34.2502,
-18.8792

■ 12.4480, 27.3871,
-10.9169

■ 126.3530, 34.8290,
-17.8496

■ 6.8910, 18.7877,
-6.0434

■ 152.5920, 35.6971,
-16.3052

■ 3.2090, 9.7570,
-2.8143

■ 179.8200, 36.5707,
-16.5051

■ 0.0000, 0.0000,
0.0000

■ 204.4540, 24.9192,
-12.6762

■ 229.5610, 12.5414,

-9.2620

252.9070, 1.0318,
-4.3034

48.3470, 33.8459,
-29.2453

48.3470, 33.8459,
-29.2453

40.6500, 37.6405,
-33.0191

56.0440, 30.0513,
-25.4716

37.9920, 38.9509,
-33.3190

64.0290, 26.1147,
-22.8274

71.7260, 22.3201,
-19.0537

80.0100, 18.2361,
-15.7948

87.7070, 14.4414,
-12.0210

■ 95.6920, 10.5048,
-9.3769

■ 103.3890, 6.7102,
-5.6032

■ 111.6730, 2.6262,
-2.3442

■ 119.0710, -1.0210,
0.8147

Harmonies

Analogous

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



50.5470, 33.7473, -44.3297



48.3470, 33.8459, -29.2453



55.9360, 20.7376, 21.9811

Triad

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



48.3470, 33.8459, -29.2453



50.2000, -23.2696, 43.6746



44.7040, -1.3331, -39.2054

Complementary

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



48.3470, 33.8459, -29.2453



83.6530, -33.8459, 29.2453

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.



39.4260, -16.4790, -34.5766



48.3470, 33.8459, -29.2453



52.3840, -25.8253, 23.3422

Square

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



48.3470, 33.8459, -29.2453



46.7990, -4.8309, 56.3043



50.1700, -24.7338, -0.1491



49.0530, 12.7919, -43.0195

Rectangle

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



48.3470, 33.8459, -29.2453



51.8200, 13.3997, 42.2539



50.1700, -24.7338, -0.1491



43.3360, -6.5746, -38.0057

Sweetspot

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



48.3470, 33.8459, -29.2453



126.3650, 13.1311, -11.7211



82.2840, -1.1260, -59.0081



60.4320, 8.1680, -6.5179



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



48.3470, 33.8459, -29.2453



50.3140, 50.6242, -44.1254



30.8140, 42.4897, -1.5909



54.8580, 2.0420, -1.6295



39.7360, 40.5562, -34.8485



81.9170, 82.8649, -71.8412

Inverse Universe

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



49.7160, 1.1260, 59.0081



52.0170, 1.4706, 88.5621



101.1860, -42.4897, 1.5909



55.0220, -0.0108, 3.4887



41.4940, 1.2355, 70.6038



85.1240, 2.8969, 144.5963

Previews

White Background



This preview shows how the YUV color 48.3470, 33.8459, -29.2453 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



This preview shows how the YUV color 48.3470, 33.8459, -29.2453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

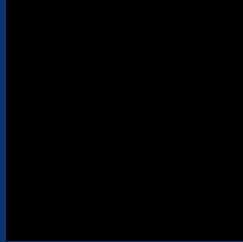
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.3470, 33.8459, -29.2453

Background



This preview shows how black text looks on a background with the YUV color 48.3470, 33.8459, -29.2453.



This preview shows how white text looks on a background with the YUV color 48.3470, 33.8459, -29.2453.

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

48.3470, 33.8459, -29.2453

Protanopia

44.1070, 34.4572, -38.6818

Deuteranopia

44.6310, 26.3109, -39.1414



Tritanopia

43.8040, 10.4496, -38.4161

Trichromacy



Original Color

48.3470, 33.8459, -29.2453

Protanomaly

45.7160, 34.1570, -35.7079

Deuteranomaly

45.7500, 29.2103, -35.7377

Tritanomaly

45.1170, 19.1693, -35.1826

Monochromacy



Original Color

48.3470, 33.8459, -29.2453

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8490, 12.3994, -10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3470, 33.8459, -29.2453 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(15, 52, 117)` looks like.

```
.text, #text, p{  
    color:rgb(15, 52, 117)  
}
```

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(15, 52, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 52, 117) }
```

Border

The CSS property to change the border of an element to YUV 48.3470, 33.8459, -29.2453 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(15, 52, 117) }
```


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

```
.border{ border-color:rgb(15, 52, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 52, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 52, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 52, 117);  
box-shadow:4px 4px 4px 4px rgb(15, 52,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 48.3470, 33.8459, -29.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 52, 117) }
```

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

```
.background{ background-color: rgb(15, 52,  
117) }
```

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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