

Converting Colors

YUV(41.8970, 29.6308,
-30.6047)

Have a look what the booklet for
YUV(41.8970, 29.6308, -30.6047)
contains.

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Color

**YUV(41.8970, 29.6308,
-30.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	073066
RGB	7, 48, 102
RGB Percent	3%, 19%, 40%
CMY	0.9725, 0.8118, 0.6000
CMYK	0.93, 0.53, 0.00, 0.60
HSL	214°, 87%, 21%
HSV	214°, 93%, 40%
XYZ	3.5428, 3.1184, 12.9856
YIQ	41.8970, -41.7700, 8.1020

Conversions

Conversions Part 2

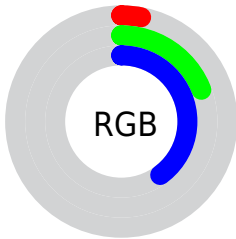
Format	Color
R_{YB}	7, 36, 102
Decimal	471142
CIE _{Lab}	20.51, 9.64, -35.49
CIE _{LCh}	21, 36.781, 285.200
Yxy	3.1184, 0.1803, 0.1587
Android (android.graphics.Color)	4278661222 (0xFF073066)
YUV	41.8970, 29.6308, -30.6047
Hunter-Lab	17.6589, 4.9086, -31.2378

Details

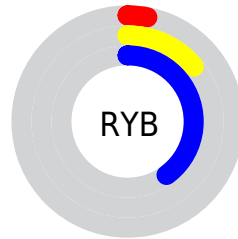
The YUV color **41.8970, 29.6308, -30.6047** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **67.1030, -29.6308, 30.6047**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.3760, 29.8876, -19.6238**, and **6.2700, 24.0239, -5.4988** is the 20% darker color. If you saturate the color by 10%, you get **37.4560, 31.8202, -32.8489**, and if you desaturate by 10%, it is **48.4090, 26.4204, -27.5457**.

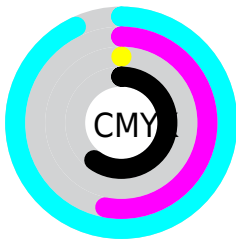
Distribution



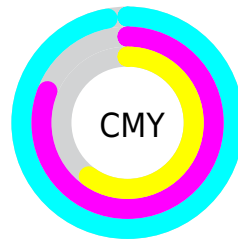
- Red (3%)
- Green (19%)
- Blue (40%)



- Red (3%)
- Yellow (14%)
- Blue (40%)



- Cyan (93%)
- Magenta (53%)
- Yellow (0%)
- Black (60%)



- Cyan (97%)
- Magenta (81%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8970, 29.6308, -30.6047 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 41.8970, 29.6308, -30.6047 by changing the saturation by 10% instead.

■ 41.8970, 29.6308,
-30.6047

■ 41.8970, 29.6308,
-30.6047

■ 255.0000, 0.0000,
0.0000

■ 25.3280, 25.9673,
-22.2127

■ 93.3760, 29.8876,
-19.6238

■ 6.2700, 24.0239,
-5.4988

■ 119.2020, 30.4664,
-18.5942

■ 4.8220, 13.3988,
-4.2289

■ 145.0280, 31.0452,
-17.5646

■ 0.5700, 2.1840,
-0.4999

■ 172.2560, 31.9188,
-17.7645

■ 0.0000, 0.0000,
0.0000

■ 198.5290, 27.8402,
-16.2499

■ 223.3370, 15.6099,

-13.4505

■ 249.0310, 2.9427,
-10.5512

■ 41.8970, 29.6308,
-30.6047

■ 41.8970, 29.6308,
-30.6047

■ 37.4560, 31.8202,
-32.8489

■ 48.4090, 26.4204,
-27.5457

■ 54.9210, 23.2099,
-24.4867

■ 61.1450, 20.1415,
-20.2982

■ 67.6570, 16.9311,
-17.2392

■ 74.1690, 13.7207,
-14.1802

■ 80.6810, 10.5103,
-11.1212

■ 87.1930, 7.2999,
-8.0623

■ 93.4170, 4.2314,
-3.8737

■ 99.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



44.5000, 28.3475, -39.0265



41.8970, 29.6308, -30.6047



50.6100, 18.4333, 14.3740

Triad

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



41.8970, 29.6308, -30.6047



45.9480, -17.7224, 37.7566



39.7970, -2.3649, -34.9020

Complementary

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



41.8970, 29.6308, -30.6047



67.1030, -29.6308, 30.6047

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.



38.8020, -16.6644, -21.7514



41.8970, 29.6308, -30.6047



47.0680, -23.2045, 22.7424

Square

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



41.8970, 29.6308, -30.6047



44.3740, -3.6354, 46.1530



45.4740, -22.4187, 3.9693



42.9890, 9.8654, -37.7014

Rectangle

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



41.8970, 29.6308, -30.6047



48.9990, 11.8325, 31.5729



45.4740, -22.4187, 3.9693



38.0700, -6.4435, -33.3874

Sweetspot

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



41.8970, 29.6308, -30.6047



108.7240, 11.9681, -12.0359



68.9210, -3.9051, -54.3047



51.7910, 7.0050, -6.8327



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.



41.8970, 29.6308, -30.6047



48.6210, 41.5988, -42.6406



19.6240, 40.6114, -5.8092



47.7440, 1.6052, -1.5295



42.4600, 35.7622, -37.2374



89.2230, 75.3191, -78.2486

Inverse Universe

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



40.0790, 3.9051, 54.3047



46.2650, 5.2924, 76.0666



89.3760, -40.6114, 5.8092



47.7230, 0.1366, 2.8739



40.0850, 4.8881, 65.7005



84.3280, 10.1913, 138.2783

Previews

White Background



This preview shows how the YUV color 41.8970, 29.6308, -30.6047 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 41.8970, 29.6308, -30.6047 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 41.8970, 29.6308, -30.6047

Background



This preview shows how black text looks on a background with the YUV color 41.8970, 29.6308, -30.6047.



This preview shows how white text looks on a background with the YUV color 41.8970, 29.6308,

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

41.8970, 29.6308, -30.6047

Protanopia

41.5980, 29.7782, -31.2194

Deuteranopia

39.9690, 23.6793, -35.0528



Tritanopia

39.0110, 9.8546, -34.2126

Trichromacy



Original Color

41.8970, 29.6308, -30.6047

Protanomaly

41.5980, 29.7782, -31.2194

Deuteranomaly

40.8490, 25.7104, -33.1936

Tritanomaly

39.9710, 17.2693, -32.4236

Monochromacy



Original Color

41.8970, 29.6308, -30.6047

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7950, 10.9471, -11.2212

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8970, 29.6308, -30.6047 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(7, 48, 102)` looks like.

```
.text, #text, p{  
    color:rgb(7, 48, 102)  
}
```

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(7, 48, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 48, 102) }
```

Border

The CSS property to change the border of an element to YUV 41.8970, 29.6308, -30.6047 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(7, 48, 102) }
```


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

```
.border{ border-color:rgb(7, 48, 102) }
```

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

Here you see how a box with a 4 pixel rgb(7, 48, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 48, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 48, 102);  
box-shadow:4px 4px 4px 4px rgb(7, 48, 102)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8970, 29.6308, -30.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 48, 102) }
```

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

```
.background{ background-color: rgb(7, 48,  
102) }
```

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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