

Converting Colors

YUV(93.4270, 42.6805,
-16.1605)

Have a look what the booklet for
YUV(93.4270, 42.6805, -16.1605)
contains.

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Color

**YUV(93.4270, 42.6805,
-16.1605)**

Conversions

Conversions Part 1

Format	Color
Hex	4B56B4
RGB	75, 86, 180
RGB Percent	29%, 34%, 71%
CMY	0.7059, 0.6627, 0.2941
CMYK	0.58, 0.52, 0.00, 0.29
HSL	234°, 41%, 50%
HSV	234°, 58%, 71%
XYZ	14.4677, 11.4467, 44.6269
YIQ	93.4270, -36.7300, 26.9020

Conversions

Conversions Part 2

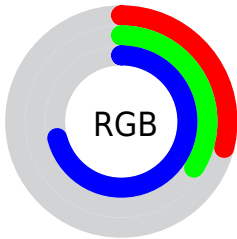
Format	Color
R_{YB}	75, 85, 180
Decimal	4937396
CIE Lab	40.32, 24.20, -51.45
CIE LCh	40, 56.859, 295.184
Yxy	11.4467, 0.2051, 0.1623
Android (android.graphics.Color)	4283127476 (0xFF4B56B4)
YUV	93.4270, 42.6805, -16.1605
Hunter-Lab	33.8330, 17.1224, -54.5225

Details

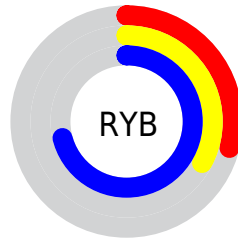
The YUV color **93.4270, 42.6805, -16.1605** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **161.5730, -42.6805, 16.1605**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3180, 44.7062, -12.5569**, and **38.4310, 43.1715, -33.7040** is the 20% darker color. If you saturate the color by 10%, you get **78.6530, 49.9641, -18.9897**, and if you desaturate by 10%, it is **108.2010, 35.3969, -13.3313**.

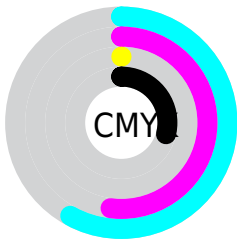
Distribution



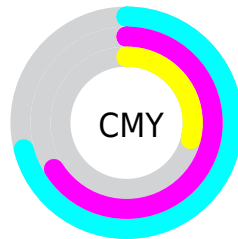
- Red (29%)
- Green (34%)
- Blue (71%)



- Red (29%)
- Yellow (33%)
- Blue (71%)



- Cyan (58%)
- Magenta (52%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (66%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4270, 42.6805, -16.1605 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 93.4270, 42.6805, -16.1605 by changing the saturation by 10% instead.

■ 93.4270, 42.6805,
-16.1605

■ 93.4270, 42.6805,
-16.1605

■ 255.0000, 0.0000,
0.0000

■ 67.5790, 42.1126,
-20.6788

■ 146.3180, 44.7062,
-12.5569

■ 38.4310, 43.1715,
-33.7040

■ 172.3030, 40.7696,
-9.9127

■ 24.4280, 37.7500,
-21.4234

■ 196.5240, 28.8287,
-6.5985

■ 8.6640, 33.1966,
-7.5983

■ 221.3430, 16.5929,
-2.0548

■ 8.8630, 21.2665,
-7.7729

■ 247.0370, 3.9258,
0.8446

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 93.4270, 42.6805,
-16.1605

■ 93.4270, 42.6805,
-16.1605

■ 78.6530, 49.9641,
-18.9897

■ 108.2010, 35.3969,
-13.3313

■ 63.8790, 57.2477,
-21.8189

■ 122.9750, 28.1133,
-10.5021

■ 49.1050, 64.5312,
-24.6481

■ 137.7490, 20.8297,
-7.6729

■ 34.3310, 71.8148,
-27.4773

■ 152.5230, 13.5462,
-4.8437

■ 31.6730, 73.1252,
-27.7772

■ 167.8840, 5.9732,
-2.5293

■ 182.6580, -1.3104,
0.2999

■ 197.4320, -8.5940,
3.1291

■ 212.2060,
-15.8776, 5.9583

■ 226.9800,
-23.1611, 8.7875

Harmonies

Analogous

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



81.8930, 52.3108, -71.8202



93.4270, 42.6805, -16.1605



96.1370, 26.0615, 41.0989

Triad

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



93.4270, 42.6805, -16.1605



88.9170, -37.4271, 57.9548



77.3090, 4.2847, -67.8000

Complementary

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



93.4270, 42.6805, -16.1605



161.5730, -42.6805, 16.1605

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.



69.9620, -16.2503, -61.3567



93.4270, 42.6805, -16.1605



89.3080, -44.0288, 28.6709

Square

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



93.4270, 42.6805, -16.1605



86.9280, -13.7685, 76.3621



84.0710, -41.4470, -6.2013



83.2540, 24.5248, -73.0138

Rectangle

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



93.4270, 42.6805, -16.1605



90.9030, 14.3448, 65.8601



84.0710, -41.4470, -6.2013



74.8980, -2.4147, -65.6855

Sweetspot

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



93.4270, 42.6805, -16.1605



199.8370, 17.3354, -6.8730



147.2370, 10.2362, -63.3518



95.7250, 10.4886, -4.1438



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



93.4270, 42.6805, -16.1605



99.3760, 66.8626, -25.7628



98.9300, 39.9675, 14.0934



81.6130, 3.6418, -1.4146



26.8340, 62.1998, -23.5334



4.7250, 10.4886, -4.1438

Inverse Universe

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



107.6490, -10.6730, 63.4518



121.3870, -16.4598, 99.6386



156.0700, -39.9675, -14.0934



82.8050, -0.8899, 5.4330



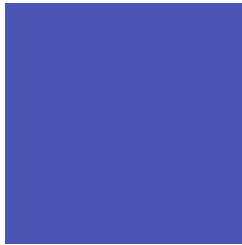
47.5710, -15.5645, 92.4612



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 93.4270, 42.6805, -16.1605 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 93.4270, 42.6805, -16.1605 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 93.4270, 42.6805, -16.1605

Background



This preview shows how black text looks on a background with the YUV color 93.4270, 42.6805, -16.1605.



This preview shows how white text looks on a background with the YUV color 93.4270, 42.6805,

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

93.4270, 42.6805, -16.1605

Protanopia

85.9720, 49.3138, -43.8254

Deuteranopia

76.3190, 46.1847, -66.9318



Tritanopia

86.8690, 11.8966, -35.8421

Trichromacy



Original Color

93.4270, 42.6805, -16.1605

Protanomaly

88.7560, 46.9553, -33.9890

Deuteranomaly

82.5000, 45.1095, -48.6735

Tritanomaly

89.4860, 22.9314, -28.4902

Monochromacy



Original Color

93.4270, 42.6805, -16.1605

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7940, 15.8776, -5.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4270, 42.6805, -16.1605 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(75, 86, 180)` looks like.

```
.text, #text, p{  
    color:rgb(75, 86, 180)  
}
```

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(75, 86, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 86, 180) }
```

Border

The CSS property to change the border of an element to YUV 93.4270, 42.6805, -16.1605 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(75, 86, 180) }
```


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

```
.border{ border-color:rgb(75, 86, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 86, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 86, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 86, 180);  
box-shadow:4px 4px 4px 4px rgb(75, 86,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 93.4270, 42.6805, -16.1605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 86, 180) }
```

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

```
.background{ background-color: rgb(75, 86,  
180) }
```

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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