

# Converting Colors

YUV(75.3180, 24.4932,  
-16.0649)

Have a look what the booklet for  
YUV(75.3180, 24.4932, -16.0649)  
contains.

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# Color

**YUV(75.3180, 24.4932,  
-16.0649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	394B7D
RGB	57, 75, 125
RGB Percent	22%, 29%, 49%
CMY	0.7765, 0.7059, 0.5098
CMYK	0.54, 0.40, 0.00, 0.51
HSL	224°, 37%, 36%
HSV	224°, 54%, 49%
XYZ	7.9051, 7.3827, 20.4104
YIQ	75.3180, -26.7780, 11.7340

# Conversions

## Conversions Part 2

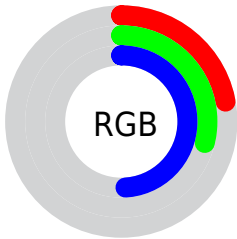
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 71, 125
Decimal	3754877
CIE Lab	32.66, 8.50, -30.56
CIE LCh	33, 31.721, 285.543
Yxy	7.3827, 0.2214, 0.2068
Android (android.graphics.Color)	4281944957 (0xFF394B7D)
YUV	75.3180, 24.4932, -16.0649
Hunter-Lab	27.1711, 4.3830, -25.5177

# Details

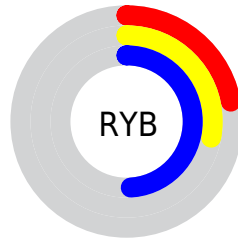
The YUV color **75.3180, 24.4932, -16.0649** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **106.6820, -24.4932, 16.0649**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0840, 26.0876, -14.1057**, and **27.4480, 23.9361, -24.0719** is the 20% darker color. If you saturate the color by 10%, you get **66.4470, 28.8666, -18.8090**, and if you desaturate by 10%, it is **84.4880, 19.9724, -12.7060**.

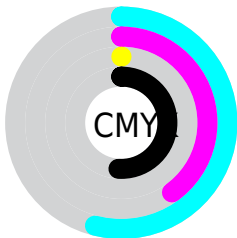
# Distribution



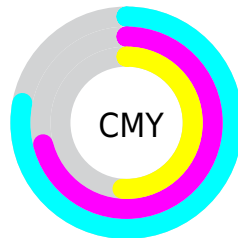
- Red (22%)
- Green (29%)
- Blue (49%)



- Red (22%)
- Yellow (28%)
- Blue (49%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (71%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.3180, 24.4932, -16.0649 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 75.3180, 24.4932, -16.0649 by changing the saturation by 10% instead.



■ 75.3180, 24.4932,  
-16.0649

■ 75.3180, 24.4932,  
-16.0649

■ 255.0000, 0.0000,  
0.0000

■ 51.4810, 23.9199,  
-18.8388

■ 125.0840, 26.0876,  
-14.1057

■ 27.4480, 23.9361,  
-24.0719

■ 151.3120, 26.9612,  
-14.3056

■ 10.1510, 21.1246,  
-8.9024

■ 178.7250, 27.2506,  
-13.7908

■ 4.7080, 12.9620,  
-4.1289

■ 205.0410, 24.6298,  
-13.1910

■ 0.2280, 0.8736,  
-0.2000

■ 230.1480, 12.2520,  
-9.7768

■ 0.0000, 0.0000,  
0.0000

■ 252.9070, 1.0318,

-4.3034

■ 75.3180, 24.4932,  
-16.0649

■ 75.3180, 24.4932,  
-16.0649

■ 66.4470, 28.8666,  
-18.8090

■ 84.4880, 19.9724,  
-12.7060

■ 57.2770, 33.3874,  
-22.1679

■ 93.3590, 15.5990,  
-9.9618

■ 47.8190, 38.0502,  
-24.3973

■ 103.1160, 10.7888,  
-7.1177

■ 38.6490, 42.5710,  
-27.7562

■ 111.9870, 6.4154,  
-4.3736

■ 33.6210, 45.0498,  
-29.4856

■ 121.1570, 1.8946,  
-1.0147

■ 130.0280, -2.4788,  
1.7294

■ 139.1980, -6.9996,  
5.0884

■ 148.6560,  
-11.6624, 7.3177

■ 157.8260,  
-16.1832, 10.6766

# Harmonies

## Analogous

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



62.9710, 30.5803, -55.2256



75.3180, 24.4932, -16.0649



79.3280, 16.1073, 13.7443

# Triad

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



75.3180, 24.4932, -16.0649



76.1650, -16.8433, 35.8123



58.8380, 2.0519, -51.6009

# Complementary

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



75.3180, 24.4932, -16.0649



106.6820, -24.4932, 16.0649

# 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.



69.4050, -14.4967, -17.0182



75.3180, 24.4932, -16.0649



74.9540, -23.6413, 22.8423

# Square

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



75.3180, 24.4932, -16.0649



76.4720, -5.6557, 40.8051



73.2460, -23.2923, 4.1693



62.3890, 13.1192, -54.7152



# Rectangle

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



75.3180, 24.4932, -16.0649



78.9940, 9.3700, 28.0693



73.2460, -23.2923, 4.1693



64.5040, -4.6855, -37.2760

# Sweetspot

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



75.3180, 24.4932, -16.0649



144.0730, 9.3310, -6.2030



102.6160, 2.1613, -40.0052



70.1720, 5.8312, -3.6588



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



75.3180, 24.4932, -16.0649



85.5200, 38.1976, -25.0120



69.5360, 27.3438, 3.0379



58.9720, 2.4788, -1.7294



34.5500, 46.0709, -30.3003



0.0000, 0.0000, 0.0000



# Inverse Universe

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



79.3840, -2.1613, 40.0052



91.8860, -3.3948, 62.3670



112.4640, -27.3438, -3.0379



59.3210, -0.1583, 4.1035



42.1480, -4.0170, 75.2922



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 75.3180, 24.4932, -16.0649 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 75.3180, 24.4932, -16.0649 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

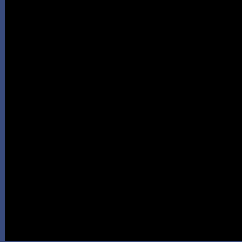
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 75.3180, 24.4932, -16.0649

## Background



This preview shows how black text looks on a background with the YUV color 75.3180, 24.4932, -16.0649.



This preview shows how white text looks on a background with the YUV color 75.3180, 24.4932, -16.0649.



# 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

75.3180, 24.4932, -16.0649

### Protanopia

75.3180, 24.4932, -16.0649

### Deuteranopia

73.8010, 25.2411, -22.6275



## Tritanopia

72.0230, 8.3697, -24.5762

# Trichromacy



## Original Color

75.3180, 24.4932, -16.0649

## Protanomaly

75.3180, 24.4932, -16.0649

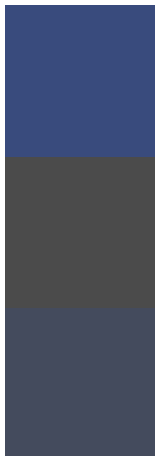
## Deuteranomaly

74.1110, 25.0883, -20.2683

## Tritanomaly

73.2390, 14.1792, -21.2576

# Monochromacy



## Original Color

75.3180, 24.4932, -16.0649

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.9590, 8.8942, -6.1030

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.3180, 24.4932, -16.0649 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(57, 75, 125)` looks like.

```
.text, #text, p{  
    color:rgb(57, 75, 125)  
}
```

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(57, 75, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 75, 125) }
```

## Border

The CSS property to change the border of an element to YUV 75.3180, 24.4932, -16.0649 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(57, 75, 125) }
```



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

```
.border{ border-color:rgb(57, 75, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 75, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 75, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 75, 125);  
box-shadow:4px 4px 4px 4px rgb(57, 75,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 75.3180, 24.4932, -16.0649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 75, 125) }
```

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

```
.background{ background-color: rgb(57, 75,  
125) }
```

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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