

# Converting Colors

YUV(75.3100, 13.1582,  
-20.4429)

Have a look what the booklet for  
YUV(75.3100, 13.1582, -20.4429)  
contains.

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# Color

**YUV(75.3100, 13.1582,  
-20.4429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	345266
RGB	52, 82, 102
RGB Percent	20%, 32%, 40%
CMY	0.7961, 0.6784, 0.6000
CMYK	0.49, 0.20, 0.00, 0.60
HSL	204°, 32%, 30%
HSV	204°, 49%, 40%
XYZ	6.8317, 7.7240, 13.7012
YIQ	75.3100, -24.3000, -0.1400

# Conversions

## Conversions Part 2

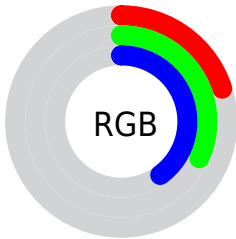
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 71, 102
Decimal	3428966
CIE <sub>Lab</sub>	33.40, -5.05, -15.05
CIE <sub>LCh</sub>	33, 15.871, 251.461
Yxy	7.7240, 0.2418, 0.2733
Android (android.graphics.Color)	4281619046 (0xFF345266)
YUV	75.3100, 13.1582, -20.4429
Hunter-Lab	27.7920, -4.7577, -9.7749

# Details

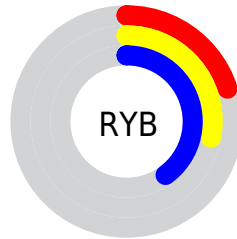
The YUV color **75.3100, 13.1582, -20.4429** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.6900, -13.1582, 20.4429**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8370, 13.8844, -20.0280**, and **27.9890, 13.3164, -24.5464** is the 20% darker color. If you saturate the color by 10%, you get **69.9720, 15.7898, -24.5314**, and if you desaturate by 10%, it is **80.6480, 10.5265, -16.3543**.

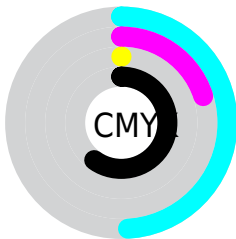
# Distribution



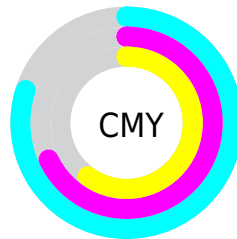
- Red (20%)
- Green (32%)
- Blue (40%)



- Red (20%)
- Yellow (28%)
- Blue (40%)



- Cyan (49%)
- Magenta (20%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (68%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.3100, 13.1582, -20.4429 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 75.3100, 13.1582, -20.4429 by changing the saturation by 10% instead.



■ 75.3100, 13.1582,  
-20.4429

■ 75.3100, 13.1582,  
-20.4429

■ 255.0000, 0.0000,  
0.0000

■ 51.5980, 13.0162,  
-21.5724

■ 124.8370, 13.8844,  
-20.0280

■ 27.9890, 13.3164,  
-24.5464

■ 150.6520, 14.4686,  
-20.7428

■ 13.8550, 9.9315,  
-12.1508

■ 177.6520, 14.4686,  
-20.7428

■ 1.0260, 3.9312,  
-0.8998

■ 205.4670, 15.0528,  
-21.4576

■ 0.0000, 0.0000,  
0.0000

■ 232.4410, 11.1216,  
-20.5578

■ 249.9170, 2.5059,

-10.4512

■ 75.3100, 13.1582,  
-20.4429

■ 75.3100, 13.1582,  
-20.4429

■ 69.9720, 15.7898,  
-24.5314

■ 80.6480, 10.5265,  
-16.3543

■ 64.6340, 18.4214,  
-28.6200

■ 85.9860, 7.8949,  
-12.2657

■ 58.9970, 21.2005,  
-33.3234

■ 91.6230, 5.1159,  
-7.5624

■ 53.6590, 23.8321,  
-37.4119

■ 96.9610, 2.4842,  
-3.4738

■ 48.3210, 26.4637,  
-41.5005

■ 102.2990, -0.1474,  
0.6148

■ 47.4350, 26.9005,  
-41.6005

■ 107.6370, -2.7790,  
4.7034

■ 113.5620, -5.7001,  
8.2771

■ 119.1990, -8.4791,  
12.9805

■ 124.5370,  
-11.1107, 17.0691

# Harmonies

## Analogous

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



72.9840, 10.8539, -28.0500



75.3100, 13.1582, -20.4429



78.4580, 12.0992, -7.4177

# Triad

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



75.3100, 13.1582, -20.4429



80.0350, -2.9753, 21.0173



76.0780, -8.4195, -6.2074

# Complementary

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



75.3100, 13.1582, -20.4429



78.6900, -13.1582, 20.4429

# 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.



77.3460, -11.5096, 4.9586



75.3100, 13.1582, -20.4429



79.3570, -8.0640, 19.8579

# Square

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



75.3100, 13.1582, -20.4429



80.3100, 3.2982, 15.5141



78.4010, -11.5367, 13.6803



74.0210, -1.9824, -17.5584



# Rectangle

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



75.3100, 13.1582, -20.4429



79.6440, 10.0355, 1.1892



78.4010, -11.5367, 13.6803



76.4590, -9.5933, -3.0335

# Sweetspot

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



75.3100, 13.1582, -20.4429



122.3240, 5.2633, -8.1771



83.6300, -5.7336, -27.7395



60.0640, 2.9264, -5.3181



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.



75.3100, 13.1582, -20.4429



90.5950, 20.9057, -32.0938



60.6350, 20.3929, -7.5729



48.3310, 1.3158, -2.0443



53.6130, 30.2638, -47.0186



112.7030, 63.7434, -98.8405



# Inverse Universe

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



70.3700, 5.7336, 27.7395



82.9790, 8.8844, 43.8684



93.3650, -20.3929, 7.5729



47.8370, 0.5734, 2.7740



42.2510, 13.1873, 63.8009

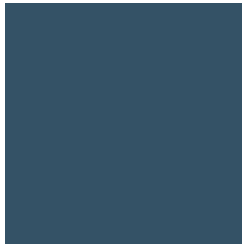


88.8880, 27.6632, 134.2792



# Previews

## White Background



This preview shows how the YUV color 75.3100, 13.1582, -20.4429 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 75.3100, 13.1582, -20.4429 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

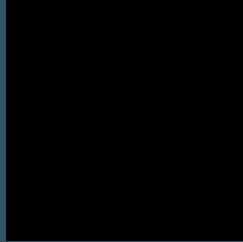
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

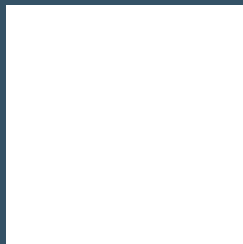
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 75.3100, 13.1582, -20.4429

## Background



This preview shows how black text looks on a background with the YUV color 75.3100, 13.1582, -20.4429.



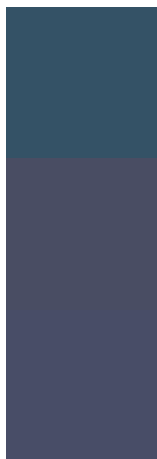
This preview shows how white text looks on a background with the YUV color 75.3100, 13.1582,



# 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

75.3100, 13.1582, -20.4429

### Protanopia

78.3120, 10.1992, -4.6586

### Deuteranopia

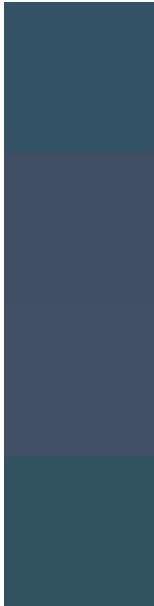
78.4690, 12.0938, -5.6733



## Tritanopia

74.0340, 8.3642, -22.8318

# Trichromacy



## Original Color

75.3100, 13.1582, -20.4429

## Protanomaly

77.2080, 11.2365, -10.7064

## Deuteranomaly

77.5500, 12.5469, -11.0063

## Tritanomaly

74.2020, 10.2534, -22.1022

# Monochromacy



## Original Color

75.3100, 13.1582, -20.4429

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

75.5090, 4.6791, -7.4624

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.3100, 13.1582, -20.4429 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(52, 82, 102)` looks like.

```
.text, #text, p{  
    color:rgb(52, 82, 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(52, 82, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 82, 102) }
```

## Border

The CSS property to change the border of an element to YUV 75.3100, 13.1582, -20.4429 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(52, 82, 102) }
```



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

```
.border{ border-color:rgb(52, 82, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 82, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 82, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 82, 102);  
box-shadow:4px 4px 4px 4px rgb(52, 82,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 75.3100, 13.1582, -20.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 82, 102) }
```

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

```
.background{ background-color: rgb(52, 82,  
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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