

# Converting Colors

YUV(93.6300, 21.3814, 2.0785)

Have a look what the booklet for  
YUV(93.6300, 21.3814, 2.0785)  
contains.

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# Color

**YUV(93.6300, 21.3814,  
2.0785)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605489
RGB	96, 84, 137
RGB Percent	38%, 33%, 54%
CMY	0.6235, 0.6706, 0.4627
CMYK	0.30, 0.39, 0.00, 0.46
HSL	254°, 24%, 43%
HSV	254°, 39%, 54%
XYZ	12.5096, 10.6336, 25.0601
YIQ	93.6300, -9.8610, 19.0270

# Conversions

## Conversions Part 2

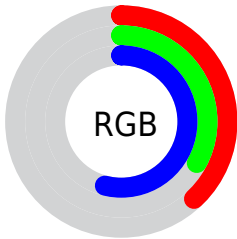
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 84, 137
Decimal	6313097
CIE <sub>Lab</sub>	38.96, 17.45, -27.81
CIE <sub>LCh</sub>	39, 32.836, 302.108
Yxy	10.6336, 0.2595, 0.2206
Android (android.graphics.Color)	4284503177 (0xFF605489)
<b>YUV</b>	93.6300, 21.3814, 2.0785
Hunter-Lab	32.6092, 11.4102, -22.7378

# Details

The YUV color **93.6300, 21.3814, 2.0785** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127.3700, -21.3814, -2.0785**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6840, 22.8338, 2.9081**, and **46.8640, 19.7870, 0.1193** is the 20% darker color. If you saturate the color by 10%, you get **82.1230, 27.0544, 2.5231**, and if you desaturate by 10%, it is **105.1370, 15.7085, 1.6339**.

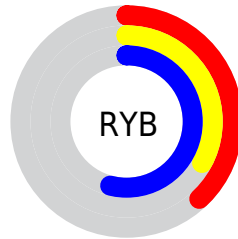
# Distribution



Red (38%)

Green (33%)

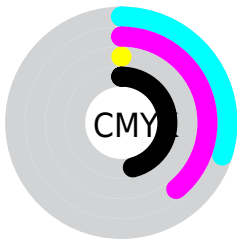
Blue (54%)



Red (38%)

Yellow (33%)

Blue (54%)

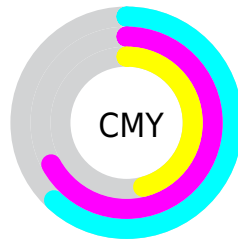


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (46%)



Cyan (62%)

Magenta (67%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.6300, 21.3814, 2.0785 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 93.6300, 21.3814, 2.0785 by changing the saturation by 10% instead.



■ 93.6300, 21.3814,  
2.0785

■ 93.6300, 21.3814,  
2.0785

■ 255.0000, 0.0000,  
0.0000

■ 69.6900, 20.3658,  
1.1489

■ 144.6840, 22.8338,  
2.9081

■ 46.8640, 19.7870,  
0.1193

■ 171.2110, 23.5600,  
3.3230

■ 25.2120, 18.6295,  
-1.9399

■ 198.6240, 23.8494,  
3.8378

■ 4.6740, 17.9087,  
-4.0991

■ 224.3440, 15.1134,  
5.8373

■ 2.7530, 8.0098,  
-2.4144

■ 247.9560, 3.4727,  
6.1776

■ 0.0000, 0.0000,  
0.0000

■ 93.6300, 21.3814,  
2.0785

■ 93.6300, 21.3814,  
2.0785

■ 82.1230, 27.0544,  
2.5231

■ 105.1370, 15.7085,  
1.6339

■ 71.5020, 32.2905,  
3.0677

■ 115.7580, 10.4723,  
1.0892

■ 59.9950, 37.9635,  
3.5124

■ 127.2650, 4.7994,  
0.6446

■ 48.7870, 43.4890,  
4.5718

■ 138.4730, -0.7262,  
-0.4148

■ 37.2800, 49.1620,  
5.0164

■ 149.9800, -6.3991,  
-0.8595

■ 26.3600, 54.5455,  
4.9463


■ 160.9000,  
-11.7827, -0.7893

■ 24.8870, 55.2717,  
5.3611

■ 172.1080,  
-17.3082, -1.8487

■ 183.6150,

-22.9812, -2.2934

 194.2360,  
-28.2173, -2.8380

# Harmonies

## Analogous

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



85.7610, 29.2048, -33.9934



93.6300, 21.3814, 2.0785



94.4500, 11.1172, 27.6694

# Triad

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



93.6300, 21.3814, 2.0785



90.6500, -22.5054, 31.8790



72.2370, 10.2362, -63.3518

# Complementary

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



93.6300, 21.3814, 2.0785



127.3700, -21.3814, -2.0785

# 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.



80.8420, -7.3171, -33.1874



93.6300, 21.3814, 2.0785



89.2150, -26.2350, 14.7204

# Square

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



93.6300, 21.3814, 2.0785



91.5340, -13.0813, 42.5047



85.9780, -20.2022, -6.9967



75.2010, 21.5929, -65.9513



# Rectangle

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



93.6300, 21.3814, 2.0785



93.4530, 3.2277, 38.1907



85.9780, -20.2022, -6.9967



71.2110, 6.3050, -62.4520

# Sweetspot

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



93.6300, 21.3814, 2.0785



161.0030, 8.8725, 0.8744



114.6960, 10.9959, -26.9204



79.2650, 4.7994, 0.6446



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



93.6300, 21.3814, 2.0785



111.1430, 33.4535, 3.3826



101.4040, 17.5488, 18.0627



63.3960, 2.7628, 0.5297



24.1320, 53.6719, 5.1462



0.8690, 2.0366, 0.1149



# Inverse Universe

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



104.5210, 10.0961, 28.4841



128.1130, 15.7203, 44.6279



119.5960, -17.5488, -18.0627



64.6630, 1.1521, 3.8035



51.5090, 25.3851, 71.4676



1.9510, 1.0102, 2.6740



# Previews

## White Background



This preview shows how the YUV color 93.6300, 21.3814, 2.0785 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 93.6300, 21.3814, 2.0785 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

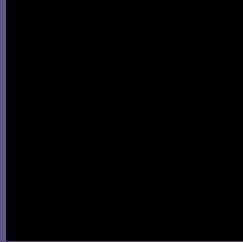
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.6300, 21.3814, 2.0785

## Background



This preview shows how black text looks on a background with the YUV color 93.6300, 21.3814, 2.0785.



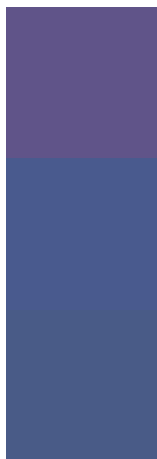
This preview shows how white text looks on a background with the YUV color 93.6300, 21.3814,



# 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

93.6300, 21.3814, 2.0785

### Protanopia

90.8450, 25.2194, -15.6501

### Deuteranopia

90.6340, 21.8724, -15.4650



## Tritanopia

91.6020, 3.6472, -3.1590

# Trichromacy



## Original Color

93.6300, 21.3814, 2.0785

## Protanomaly

91.8350, 23.7453, -9.5023

## Deuteranomaly

91.3790, 21.9982, -9.1024

## Tritanomaly

92.3340, 10.1883, -1.1699

# Monochromacy



## Original Color

93.6300, 21.3814, 2.0785

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

93.7750, 7.9989, 1.0743

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.6300, 21.3814, 2.0785 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(96, 84, 137)` looks like.

```
.text, #text, p{  
    color:rgb(96, 84, 137)  
}
```

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(96, 84, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 84, 137) }
```

## Border

The CSS property to change the border of an element to YUV 93.6300, 21.3814, 2.0785 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(96, 84, 137) }
```



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

```
.border{ border-color:rgb(96, 84, 137) }
```

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

Here you see how a box with a 4 pixel rgb(96, 84, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 84, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 84, 137);  
box-shadow:4px 4px 4px 4px rgb(96, 84,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 93.6300, 21.3814, 2.0785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 84, 137) }
```

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

```
.background{ background-color: rgb(96, 84,  
137) }
```

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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