

# Converting Colors

YUV(93.4230, 5.2145, 7.5220)

Have a look what the booklet for  
YUV(93.4230, 5.2145, 7.5220)  
contains.

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# Color

**YUV(93.4230, 5.2145,  
7.5220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	665768
RGB	102, 87, 104
RGB Percent	40%, 34%, 41%
CMY	0.6000, 0.6588, 0.5922
CMYK	0.02, 0.16, 0.00, 0.59
HSL	293°, 9%, 37%
HSV	293°, 16%, 41%
XYZ	11.3864, 10.6406, 14.5504
YIQ	93.4230, 3.4830, 8.4670

# Conversions

## Conversions Part 2

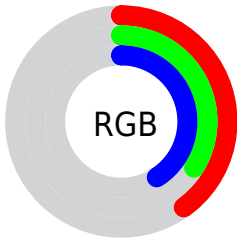
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 87, 104
Decimal	6707048
CIE <sub>Lab</sub>	38.97, 9.55, -7.48
CIE <sub>LCh</sub>	39, 12.129, 321.935
Yxy	10.6406, 0.3113, 0.2909
Android (android.graphics.Color)	4284897128 (0xFF665768)
YUV	93.4230, 5.2145, 7.5220
Hunter-Lab	32.6200, 5.2224, -3.6128

# Details

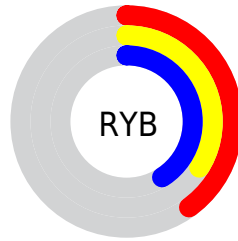
The YUV color **93.4230, 5.2145, 7.5220** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.5770, -5.2145, -7.5220**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8360, 5.5039, 8.0368**, and **47.5970, 4.6357, 6.4924** is the 20% darker color. If you saturate the color by 10%, you get **87.2540, 8.2558, 12.0552**, and if you desaturate by 10%, it is **99.5920, 2.1731, 2.9888**.

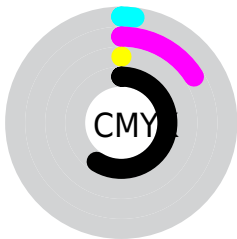
# Distribution



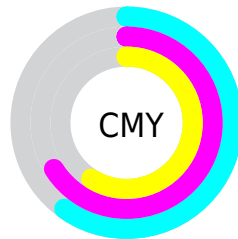
- Red (40%)
- Green (34%)
- Blue (41%)



- Red (40%)
- Yellow (34%)
- Blue (41%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (59%)



- Cyan (60%)
- Magenta (66%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.4230, 5.2145, 7.5220 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 93.4230, 5.2145, 7.5220 by changing the saturation by 10% instead.



■ 93.4230, 5.2145,  
7.5220

■ 93.4230, 5.2145,  
7.5220

■ 255.0000, 0.0000,  
0.0000

■ 70.0100, 4.9251,  
7.0072

■ 143.8360, 5.5039,  
8.0368

■ 47.5970, 4.6357,  
6.4924

■ 170.2490, 5.7932,  
8.5516

■ 26.1840, 4.3463,  
5.9776

■ 197.3630, 6.2300,  
8.4516

■ 3.6890, 5.0833,  
2.9037

■ 225.6620, 6.0826,  
9.0664

■ 0.0000, 0.0000,  
0.0000

■ 250.3040, 2.3151,  
4.1184

93.4230, 5.2145,  
7.5220

93.4230, 5.2145,  
7.5220

87.2540, 8.2558,  
12.0552

99.5920, 2.1731,  
2.9888

80.4980, 11.5865,  
17.1033

106.3480, -1.1576,  
-2.0592

74.0300, 14.7752,  
21.0217

112.8160, -4.3463,  
-5.9776

67.2740, 18.1059,  
26.0697

119.5720, -7.6770,  
-11.0256

61.1050, 21.1472,  
30.6029

125.7410,  
-10.7183, -15.5589

54.9360, 24.1886,  
35.1361

131.9100,  
-13.7596, -20.0921

47.8810, 27.6667,  
39.5694

138.9650,  
-17.2377, -24.5253

41.7120, 30.7080,

145.1340,

44.1026

-20.2791, -29.0585

■ 39.3640, 31.8655,  
46.1618

■ 151.8900,  
-23.6098, -34.1065

# Harmonies

## Analogous

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



92.2800, 8.7360, -1.9996



93.4230, 5.2145, 7.5220



93.6150, 0.6828, 14.3696

# Triad

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



93.4230, 5.2145, 7.5220



91.5360, -9.6312, 9.1769



87.6600, 5.5906, -19.8728

# Complementary

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



93.4230, 5.2145, 7.5220



97.5770, -5.2145, -7.5220

# 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.



88.0150, 0.4856, -15.7992



93.4230, 5.2145, 7.5220



90.4210, -8.5886, 1.3848

# Square

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



93.4230, 5.2145, 7.5220



92.4380, -7.6109, 14.5249



89.2780, -5.0671, -8.1368



88.8820, 8.9322, -18.3135



# Rectangle

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



93.4230, 5.2145, 7.5220



93.4150, -2.6696, 16.2990



89.2780, -5.0671, -8.1368



87.5030, 3.6960, -18.8581

# Sweetspot

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



93.4230, 5.2145, 7.5220



130.5920, 2.1731, 2.9888



90.1120, 6.8468, -2.7292



66.3530, 1.3050, 1.4444



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



93.4230, 5.2145, 7.5220



118.2540, 8.2558, 12.0552



93.3370, 2.2989, 9.3515



47.7660, 1.5944, 1.9592



43.3090, 35.3437, 50.5950



91.5740, 74.1600, 107.3676



# Inverse Universe

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



92.3110, -1.6323, 10.2513



116.4150, -2.6696, 16.2990



97.6630, -2.2989, -9.3515



47.6090, -0.3002, 2.9739



35.8670, -11.2734, 69.3996



75.5500, -23.4422, 145.9766



# Previews

## White Background



This preview shows how the YUV color 93.4230, 5.2145, 7.5220 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 93.4230, 5.2145, 7.5220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

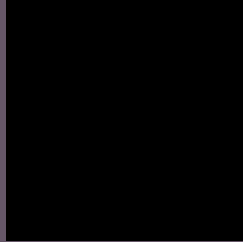
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.4230, 5.2145, 7.5220

## Background



This preview shows how black text looks on a background with the YUV color 93.4230, 5.2145, 7.5220.



This preview shows how white text looks on a background with the YUV color 93.4230, 5.2145,



# 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

93.4230, 5.2145, 7.5220

### Protanopia

92.2260, 7.2836, -2.8292

### Deuteranopia

92.5040, 5.6675, 2.1890



## Tritanopia

92.6850, 1.1413, 7.2923

# Trichromacy



## Original Color

93.4230, 5.2145, 7.5220

## Protanomaly

93.0200, 6.3991, 0.8595

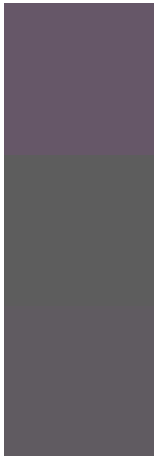
## Deuteranomaly

92.8140, 5.5147, 4.5481

## Tritanomaly

93.0270, 2.4517, 6.9923

# Monochromacy



## Original Color

93.4230, 5.2145, 7.5220

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

93.1790, 1.8838, 2.4740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.4230, 5.2145, 7.5220 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(102, 87, 104)` looks like.

```
.text, #text, p{  
    color:rgb(102, 87, 104)  
}
```

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(102, 87, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 87, 104) }
```

## Border

The CSS property to change the border of an element to YUV 93.4230, 5.2145, 7.5220 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(102, 87, 104) }
```



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

```
.border{ border-color:rgb(102, 87, 104) }
```

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

Here you see how a box with a 4 pixel rgb(102, 87, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 87, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 87, 104);  
box-shadow:4px 4px 4px 4px rgb(102, 87,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 93.4230, 5.2145, 7.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 87, 104) }
```

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

```
.background{ background-color: rgb(102, 87,  
104) }
```

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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