

# Converting Colors

YUV(95.5090, 24.8921, -3.9544)

Have a look what the booklet for  
YUV(95.5090, 24.8921, -3.9544)  
contains.

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# Color

**YUV(95.5090, 24.8921,  
-3.9544)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B5892
RGB	91, 88, 146
RGB Percent	36%, 35%, 57%
CMY	0.6431, 0.6549, 0.4275
CMYK	0.38, 0.40, 0.00, 0.43
HSL	243°, 25%, 46%
HSV	243°, 40%, 57%
XYZ	12.9924, 11.2789, 28.6864
YIQ	95.5090, -16.8300, 18.6740

# Conversions

## Conversions Part 2

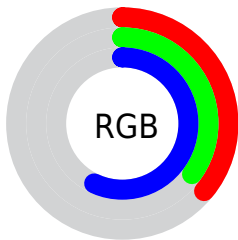
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 88, 146
Decimal	5986450
CIE <sub>Lab</sub>	40.05, 15.99, -31.58
CIE <sub>LCh</sub>	40, 35.398, 296.847
Yxy	11.2789, 0.2453, 0.2130
Android (android.graphics.Color)	4284176530 (0xFF5B5892)
<b>YUV</b>	95.5090, 24.8921, -3.9544
Hunter-Lab	33.5841, 10.2827, -27.1346

# Details

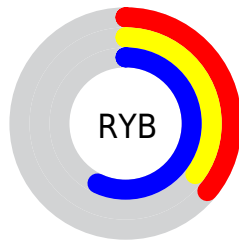
The YUV color **95.5090, 24.8921, -3.9544** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.4910, -24.8921, 3.9544**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5630, 26.3444, -3.1248**, and **48.3300, 23.0083, -6.4284** is the 20% darker color. If you saturate the color by 10%, you get **82.5180, 31.2966, -4.8393**, and if you desaturate by 10%, it is **108.5000, 18.4875, -3.0695**.

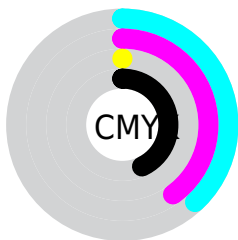
# Distribution



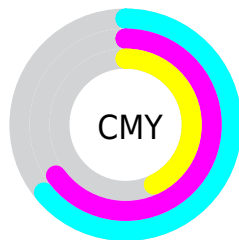
- Red (36%)
- Green (35%)
- Blue (57%)



- Red (36%)
- Yellow (35%)
- Blue (57%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)
- Black (43%)



- Cyan (64%)
- Magenta (65%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.5090, 24.8921, -3.9544 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 95.5090, 24.8921, -3.9544 by changing the saturation by 10% instead.



■ 95.5090, 24.8921,  
-3.9544

■ 95.5090, 24.8921,  
-3.9544

■ 255.0000, 0.0000,  
0.0000

■ 71.5690, 23.8765,  
-4.8840

■ 146.5630, 26.3444,  
-3.1248

■ 48.3300, 23.0083,  
-6.4284

■ 173.0900, 27.0706,  
-2.7099

■ 25.1940, 22.5824,  
-9.8171

■ 200.3890, 26.9232,  
-2.0952

■ 5.4720, 20.9663,  
-4.7989

■ 225.4960, 14.5455,  
1.3190

■ 3.6650, 11.5042,  
-3.2142

■ 250.8910, 2.0257,  
3.6036

■ 0.0000, 0.0000,  
0.0000

95.5090, 24.8921,  
-3.9544

95.5090, 24.8921,  
-3.9544

82.5180, 31.2966,  
-4.8393

108.5000, 18.4875,  
-3.0695

70.1140, 37.4118,  
-6.2390

120.9040, 12.3723,  
-1.6698

57.1230, 43.8164,  
-7.1239

133.8950, 5.9678,  
-0.7849

45.0180, 49.7841,  
-7.9088

146.0000, 0.0000,  
0.0000

32.0270, 56.1887,  
-8.7937

158.9910, -6.4046,  
0.8849

19.0360, 62.5933,  
-9.6786

171.9820,  
-12.8091, 1.7698

184.3860,  
-18.9243, 3.1695

197.3770,

-25.3289, 4.0544

 209.7810,  
-31.4440, 5.4541

# Harmonies

## Analogous

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



82.3290, 34.3478, -50.2775



95.5090, 24.8921, -3.9544



97.5360, 14.0328, 25.8399

# Triad

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



95.5090, 24.8921, -3.9544



93.1560, -23.2479, 36.6972



74.2430, 7.7682, -65.1111

# Complementary

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



95.5090, 24.8921, -3.9544



138.4910, -24.8921, 3.9544

# 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.



83.5280, -11.1063, -31.1581



95.5090, 24.8921, -3.9544



91.9660, -28.5772, 19.3238

# Square

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



95.5090, 24.8921, -3.9544



94.1970, -11.9291, 46.3082



88.6750, -23.9968, -3.2230



77.0760, 21.1615, -67.5957



# Rectangle

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



95.5090, 24.8921, -3.9544



96.1480, 5.8430, 39.3352



88.6750, -23.9968, -3.2230



72.5160, 3.6896, -63.5965

# Sweetspot

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



95.5090, 24.8921, -3.9544



168.9210, 9.8989, -1.6847



126.8970, 9.4178, -34.1127



82.7810, 5.5310, -0.6849



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



95.5090, 24.8921, -3.9544



109.8690, 39.0116, -6.0241



104.1800, 20.6173, 13.8741



67.7980, 3.0576, -0.6998



17.8250, 59.2463, -9.4935



1.4390, 4.2206, -0.3850



# Inverse Universe

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



111.6120, 15.4743, 30.1583



135.0130, 24.1506, 47.3466



129.8200, -20.6173, -13.8741



69.8910, 2.0257, 3.6036



56.1960, 36.8784, 71.7421



4.1300, 2.8939, 5.1480



# Previews

## White Background



This preview shows how the YUV color 95.5090, 24.8921, -3.9544 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 95.5090, 24.8921, -3.9544 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

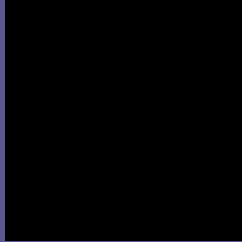
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.5090, 24.8921, -3.9544

## Background



This preview shows how black text looks on a background with the YUV color 95.5090, 24.8921, -3.9544.



This preview shows how white text looks on a background with the YUV color 95.5090, 24.8921,

-3.9544.

# 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

95.5090, 24.8921, -3.9544

### Protanopia

92.9310, 28.1350, -17.4795

### Deuteranopia

92.3390, 25.9619, -20.4683



## Tritanopia

93.1280, 5.8529, -10.6363

# Trichromacy



## Original Color

95.5090, 24.8921, -3.9544

## Protanomaly

94.3230, 26.9558, -12.5613

## Deuteranomaly

93.5570, 25.3614, -14.5205

## Tritanomaly

94.2730, 12.6834, -8.1324

# Monochromacy



## Original Color

95.5090, 24.8921, -3.9544

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

95.6930, 9.0254, -1.4848

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.5090, 24.8921, -3.9544 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(91, 88, 146)` looks like.

```
.text, #text, p{  
    color:rgb(91, 88, 146)  
}
```

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(91, 88, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 88, 146) }
```

## Border

The CSS property to change the border of an element to YUV 95.5090, 24.8921, -3.9544 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(91, 88, 146) }
```



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

```
.border{ border-color:rgb(91, 88, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 88, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 88, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 88, 146);  
box-shadow:4px 4px 4px 4px rgb(91, 88,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 95.5090, 24.8921, -3.9544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 88, 146) }
```

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

```
.background{ background-color: rgb(91, 88,  
146) }
```

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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