

# Converting Colors

YUV(93.8680, 23.7291, -4.2692)

Have a look what the booklet for  
YUV(93.8680, 23.7291, -4.2692)  
contains.

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# Color

**YUV(93.8680, 23.7291,  
-4.2692)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	59578E
RGB	89, 87, 142
RGB Percent	35%, 34%, 56%
CMY	0.6510, 0.6588, 0.4431
CMYK	0.37, 0.39, 0.00, 0.44
HSL	242°, 24%, 45%
HSV	242°, 39%, 56%
XYZ	12.4105, 10.8932, 27.0397
YIQ	93.8680, -16.4630, 17.5290

# Conversions

## Conversions Part 2

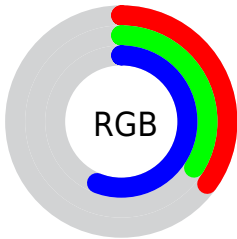
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 87, 142
Decimal	5855118
CIE <sub>Lab</sub>	39.40, 14.87, -30.19
CIE <sub>LCh</sub>	39, 33.657, 296.215
Yxy	10.8932, 0.2465, 0.2164
Android (android.graphics.Color)	4284045198 (0xFF59578E)
YUV	93.8680, 23.7291, -4.2692
Hunter-Lab	33.0049, 9.3610, -25.4707

# Details

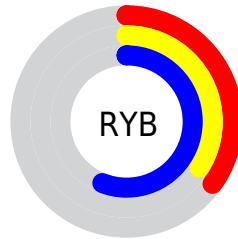
The YUV color **93.8680, 23.7291, -4.2692** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.1320, -23.7291, 4.2692**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9220, 25.1815, -3.4396**, and **46.6890, 21.8453, -6.7433** is the 20% darker color. If you saturate the color by 10%, you get **81.4640, 29.8442, -5.6689**, and if you desaturate by 10%, it is **106.2720, 17.6139, -2.8695**.

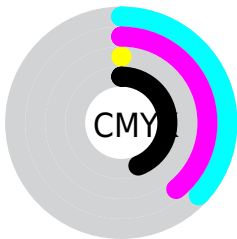
# Distribution



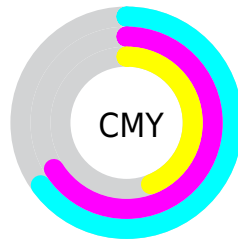
- Red (35%)
- Green (34%)
- Blue (56%)



- Red (35%)
- Yellow (34%)
- Blue (56%)



- Cyan (37%)
- Magenta (39%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (66%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.8680, 23.7291, -4.2692 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 93.8680, 23.7291, -4.2692 by changing the saturation by 10% instead.



■ 93.8680, 23.7291,  
-4.2692

■ 93.8680, 23.7291,  
-4.2692

■ 255.0000, 0.0000,  
0.0000

■ 69.9280, 22.7135,  
-5.1989

■ 144.9220, 25.1815,  
-3.4396

■ 46.6890, 21.8453,  
-6.7433

■ 171.4490, 25.9076,  
-3.0248

■ 24.1400, 21.1300,  
-10.6468

■ 198.9760, 26.6338,  
-2.6100

■ 5.1300, 19.6559,  
-4.4990

■ 224.0120, 15.2771,  
-0.0105

■ 3.2090, 9.7570,  
-2.8143

■ 249.1190, 2.8993,  
3.4036

■ 0.0000, 0.0000,  
0.0000

■ 93.8680, 23.7291,  
-4.2692

■ 93.8680, 23.7291,  
-4.2692

■ 81.4640, 29.8442,  
-5.6689

■ 106.2720, 17.6139,  
-2.8695

■ 69.3590, 35.8120,  
-6.4538

■ 118.3770, 11.6461,  
-2.0846

■ 56.3680, 42.2166,  
-7.3387

■ 131.3680, 5.2416,  
-1.1997

■ 43.9640, 48.3317,  
-8.7384

■ 143.7720, -0.8736,  
0.2000

■ 31.8590, 54.2995,  
-9.5233

■ 155.8770, -6.8414,  
0.9849

■ 19.4550, 60.4147,  
-10.9230

■ 168.2810,  
-12.9565, 2.3846

■ 17.6830, 61.2883,  
-11.1230

■ 180.6850,  
-19.0717, 3.7843

■ 193.3770,

-25.3289, 4.0544

 205.7810,  
-31.4440, 5.4541

# Harmonies

## Analogous

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



82.6670, 31.7162, -46.1890



93.8680, 23.7291, -4.2692



95.5250, 14.0382, 24.0956

# Triad

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



93.8680, 23.7291, -4.2692



91.9000, -21.6427, 35.1677



72.2540, 7.7628, -63.3668

# Complementary

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



93.8680, 23.7291, -4.2692



135.1320, -23.7291, 4.2692

# 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.



83.2510, -10.9697, -28.2841



93.8680, 23.7291, -4.2692



90.4220, -26.8300, 18.9239

# Square

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



93.8680, 23.7291, -4.2692



93.0010, -11.3395, 43.8491



87.6150, -22.9812, -2.2934



75.4460, 19.9931, -66.1661



# Rectangle

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



93.8680, 23.7291, -4.2692



94.8380, 5.9959, 36.9761



87.6150, -22.9812, -2.2934



73.9190, 2.5049, -56.9340

# Sweetspot

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



93.8680, 23.7291, -4.2692



164.5080, 9.6096, -2.1995



124.3810, 8.6862, -32.7831



80.4820, 5.6784, -1.2997



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



93.8680, 23.7291, -4.2692



109.5870, 36.6856, -6.6538



101.9410, 19.7491, 12.3297



65.0970, 2.9102, -0.0851



16.8850, 58.2307, -10.4231



0.9120, 3.4944, -0.7998



# Inverse Universe

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



109.4870, 15.0429, 28.5139



133.7630, 23.2878, 44.0578



127.0590, -19.7491, -12.3297



66.8910, 2.0257, 3.6036



55.1850, 36.8838, 69.9978



3.1900, 1.8783, 4.2184



# Previews

## White Background



This preview shows how the YUV color 93.8680, 23.7291, -4.2692 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 93.8680, 23.7291, -4.2692 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

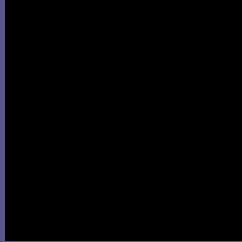
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 93.8680, 23.7291, -4.2692**

## **Background**



This preview shows how black text looks on a background with the YUV color 93.8680, 23.7291, -4.2692.



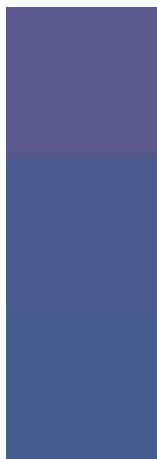
This preview shows how white text looks on a background with the YUV color 93.8680, 23.7291, -4.2692.

-4.2692.

# 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

93.8680, 23.7291, -4.2692

### Protanopia

91.7740, 26.2404, -16.4648

### Deuteranopia

91.0080, 24.6461, -18.4240



## Tritanopia

91.4270, 5.7055, -10.0215

# Trichromacy



## Original Color

93.8680, 23.7291, -4.2692

## Protanomaly

92.8670, 25.2086, -12.1614

## Deuteranomaly

91.9270, 24.1930, -13.0910

## Tritanomaly

92.1590, 12.2466, -8.0324

# Monochromacy



## Original Color

93.8680, 23.7291, -4.2692

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

93.5790, 8.5886, -1.3848

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.8680, 23.7291, -4.2692 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(89, 87, 142)` looks like.

```
.text, #text, p{  
    color:rgb(89, 87, 142)  
}
```

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(89, 87, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 87, 142) }
```

## Border

The CSS property to change the border of an element to YUV 93.8680, 23.7291, -4.2692 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(89, 87, 142) }
```



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

```
.border{ border-color:rgb(89, 87, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 87, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 87, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 87, 142);  
box-shadow:4px 4px 4px 4px rgb(89, 87,  
142) }
```

# Background

The CSS property to change the background color of an element to YUV 93.8680, 23.7291, -4.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 87, 142) }
```

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

```
.background{ background-color: rgb(89, 87,  
142) }
```

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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