

# Converting Colors

YUV(93.4320, 8.1680, -6.5179)

Have a look what the booklet for  
YUV(93.4320, 8.1680, -6.5179)  
contains.

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# Color

**YUV(93.4320, 8.1680,  
-6.5179)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	565E6E
RGB	86, 94, 110
RGB Percent	34%, 37%, 43%
CMY	0.6627, 0.6314, 0.5686
CMYK	0.22, 0.15, 0.00, 0.57
HSL	220°, 12%, 38%
HSV	220°, 22%, 43%
XYZ	10.6549, 11.1096, 16.3346
YIQ	93.4320, -9.9040, 3.2800

# Conversions

## Conversions Part 2

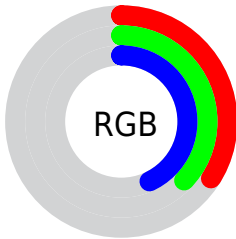
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 92, 110
Decimal	5660270
CIE Lab	39.76, 0.72, -10.12
CIE LCh	40, 10.151, 274.084
Yxy	11.1096, 0.2797, 0.2916
Android (android.graphics.Color)	4283850350 (0xFF565E6E)
YUV	93.4320, 8.1680, -6.5179
Hunter-Lab	33.3311, -1.2685, -5.7246

# Details

The YUV color **93.4320, 8.1680, -6.5179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.5680, -8.1680, 6.5179**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6600, 9.0416, -6.7178**, and **47.2040, 7.2944, -6.3179** is the 20% darker color. If you saturate the color by 10%, you get **86.0340, 11.8152, -9.6768**, and if you desaturate by 10%, it is **100.8300, 4.5208, -3.3589**.

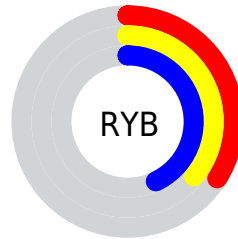
# Distribution



Red (34%)

Green (37%)

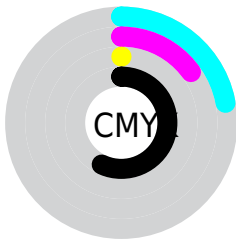
Blue (43%)



Red (34%)

Yellow (36%)

Blue (43%)

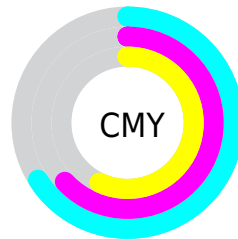


Cyan (22%)

Magenta (15%)

Yellow (0%)

Black (57%)



Cyan (66%)

Magenta (63%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.4320, 8.1680, -6.5179 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 93.4320, 8.1680, -6.5179 by changing the saturation by 10% instead.



■ 93.4320, 8.1680,  
-6.5179

■ 93.4320, 8.1680,  
-6.5179

■ 255.0000, 0.0000,  
0.0000

■ 69.7310, 8.0206,  
-5.9031

■ 143.6600, 9.0416,  
-6.7178

■ 47.2040, 7.2944,  
-6.3179

■ 170.3610, 9.1890,  
-7.3326

■ 26.2040, 7.2944,  
-6.3179

■ 197.6600, 9.0416,  
-6.7178

■ 2.8670, 8.4466,  
-2.5144

■ 225.4750, 9.6258,  
-7.4326

■ 0.0000, 0.0000,  
0.0000

■ 252.3090, 1.3267,  
-5.5330

■ 93.4320, 8.1680,  
-6.5179

■ 93.4320, 8.1680,  
-6.5179

■ 86.0340, 11.8152,  
-9.6768

■ 100.8300, 4.5208,  
-3.3589

■ 78.0490, 15.7518,  
-12.3210

■ 108.8150, 0.5842,  
-0.7148

■ 70.6510, 19.3991,  
-15.4799

■ 116.2130, -3.0630,  
2.4442

■ 63.2530, 23.0463,  
-18.6389

■ 123.6110, -6.7102,  
5.6032

■ 55.2680, 26.9829,  
-21.2830

■ 131.5960,  
-10.6468, 8.2473

■ 47.8700, 30.6301,  
-24.4420

■ 138.9940,  
-14.2940, 11.4063

■ 40.4720, 34.2773,  
-27.6009

■ 146.3920,  
-17.9413, 14.5652

■ 34.2590, 37.3403,

■ 154.3770,

-30.0451

-21.8779, 17.2094

■ 161.7750,  
-25.5251, 20.3683

# Harmonies

## Analogous

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



91.6870, 8.0423, -12.8805



93.4320, 8.1680, -6.5179



94.6180, 6.1043, 2.0890

# Triad

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



93.4320, 8.1680, -6.5179



95.1220, -4.9901, 13.9250



91.5490, -2.7357, -9.2515

# Complementary

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



93.4320, 8.1680, -6.5179



102.5680, -8.1680, 6.5179

# 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.



92.3820, -6.1043, -2.0890



93.4320, 8.1680, -6.5179



94.4160, -7.6001, 11.0362

# Square

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



93.4320, 8.1680, -6.5179



95.4470, -1.2064, 13.6400



92.9700, -7.8732, 5.2883



91.0690, 1.9380, -14.9695



# Rectangle

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



93.4320, 8.1680, -6.5179



95.3690, 3.7621, 6.6924



92.9700, -7.8732, 5.2883



91.6310, -3.7621, -6.6924

# Sweetspot

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



93.4320, 8.1680, -6.5179



135.9010, 3.4998, -2.5442



101.9120, 0.0434, -13.9548



67.7440, 1.6052, -1.5295



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



93.4320, 8.1680, -6.5179



117.2620, 12.6888, -9.8768



89.9320, 9.8935, 0.0596



51.8580, 2.0420, -1.6295



37.1600, 40.8401, -32.5893



76.2920, 84.1590, -66.9081



# Inverse Universe

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



94.0880, -0.0434, 13.9548



118.4310, -0.2125, 21.5470



106.0680, -9.8935, -0.0596



52.0220, -0.0108, 3.4887



40.4400, -0.2169, 69.7741



83.2010, -0.5921, 143.6517



# Previews

## White Background



This preview shows how the YUV color 93.4320, 8.1680, -6.5179 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 93.4320, 8.1680, -6.5179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

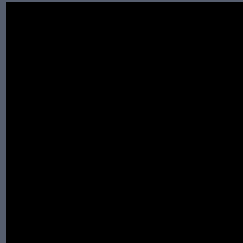
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

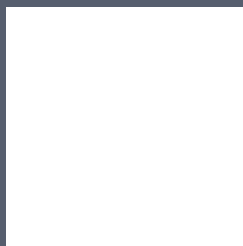
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 93.4320, 8.1680, -6.5179

## Background



This preview shows how black text looks on a background with the YUV color 93.4320, 8.1680, -6.5179.



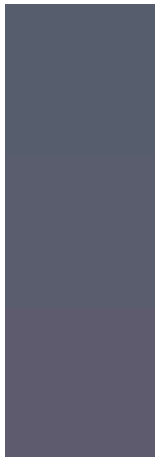
This preview shows how white text looks on a background with the YUV color 93.4320, 8.1680, -6.5179.

-6.5179.

# 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

93.4320, 8.1680, -6.5179

### Protanopia

93.9270, 7.4310, -3.4440

### Deuteranopia

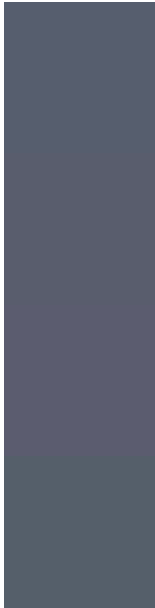
94.1770, 8.2937, -0.1552



## Tritanopia

92.9220, 4.9685, -6.9476

# Trichromacy



## Original Color

93.4320, 8.1680, -6.5179

## Protanomaly

93.6280, 7.5784, -4.0588

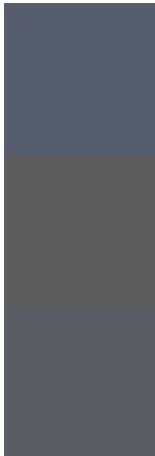
## Deuteranomaly

93.8670, 8.4466, -2.5144

## Tritanomaly

93.2640, 6.2788, -7.2475

# Monochromacy



## Original Color

93.4320, 8.1680, -6.5179

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.7870, 3.0630, -2.4442

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.4320, 8.1680, -6.5179 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(86, 94, 110)` looks like.

```
.text, #text, p{  
    color:rgb(86, 94, 110)  
}
```

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(86, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 94, 110) }
```

## Border

The CSS property to change the border of an element to YUV 93.4320, 8.1680, -6.5179 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(86, 94, 110) }
```



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

```
.border{ border-color:rgb(86, 94, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 94, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(86, 94,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 93.4320, 8.1680, -6.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 94, 110) }
```

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

```
.background{ background-color: rgb(86, 94,  
110) }
```

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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