

# Converting Colors

YUV(104.3280, 59.4913,  
-41.5067)

Have a look what the booklet for  
YUV(104.3280, 59.4913, -41.5067)  
contains.

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# Color

**YUV(104.3280, 59.4913,  
-41.5067)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3969E1
RGB	57, 105, 225
RGB Percent	22%, 41%, 88%
CMY	0.7765, 0.5882, 0.1176
CMYK	0.75, 0.53, 0.00, 0.12
HSL	223°, 74%, 55%
HSV	223°, 75%, 88%
XYZ	20.3295, 16.4093, 73.3300
YIQ	104.3280, -67.1280, 27.1440

# Conversions

## Conversions Part 2

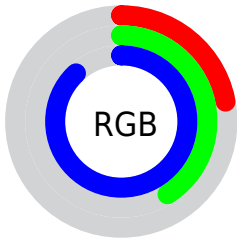
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 94, 225
Decimal	3762657
CIE Lab	47.51, 25.28, -65.81
CIE LCh	48, 70.503, 291.015
Yxy	16.4093, 0.1847, 0.1491
Android (android.graphics.Color)	4281952737 (0xFF3969E1)
YUV	104.3280, 59.4913, -41.5067
Hunter-Lab	40.5083, 18.6925, -78.9736

# Details

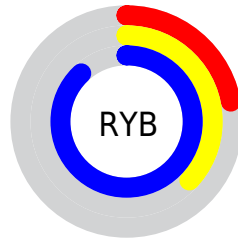
The YUV color **104.3280, 59.4913, -41.5067** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **177.6720, -59.4913, 41.5067**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.3160, 47.6652, -28.3411**, and **53.8990, 56.7448, -47.2694** is the 20% darker color. If you saturate the color by 10%, you get **88.3580, 67.3645, -46.7950**, and if you desaturate by 10%, it is **120.2980, 51.6181, -36.2183**.

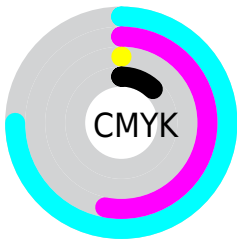
# Distribution



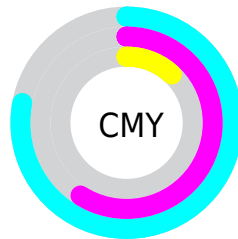
- Red (22%)
- Green (41%)
- Blue (88%)



- Red (22%)
- Yellow (37%)
- Blue (88%)



- Cyan (75%)
- Magenta (53%)
- Yellow (0%)
- Black (12%)



- Cyan (78%)
- Magenta (59%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.3280, 59.4913, -41.5067 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 104.3280, 59.4913, -41.5067 by changing the saturation by 10% instead.



■ 104.3280, 59.4913,  
-41.5067

■ 104.3280, 59.4913,  
-41.5067

■ 255.0000, 0.0000,  
0.0000

■ 70.0050, 62.6085,  
-61.3944

■ 158.3160, 47.6652,  
-28.3411

■ 53.8990, 56.7448,  
-47.2694

■ 182.8470, 35.5714,  
-22.6678

■ 39.0810, 50.7391,  
-34.2740

■ 208.5520, 22.8989,  
-18.0241

■ 25.4370, 44.1546,  
-22.3082

■ 233.9580, 10.3737,  
-13.9952

■ 11.4340, 38.7330,  
-10.0276

■ 253.2060, 0.8844,  
-3.6887

■ 11.5190, 26.3661,  
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 0.0000, 0.0000,  
0.0000

■ 104.3280, 59.4913,  
-41.5067

■ 104.3280, 59.4913,  
-41.5067

■ 88.3580, 67.3645,  
-46.7950

■ 120.2980, 51.6181,  
-36.2183

■ 72.0890, 75.3851,  
-52.6981

■ 136.5670, 43.5975,  
-30.3153

■ 63.2180, 79.7585,  
-55.4422

■ 152.5370, 35.7243,  
-25.0269

■ 168.8060, 27.7036,  
-19.1239

■ 185.0750, 19.6830,  
-13.2208

■ 201.0450, 11.8098,  
-7.9325

■ 217.6020, 3.6472,  
-3.1590

■ 233.8710, -4.3734,  
2.7441

■ 248.6450,  
-11.6570, 5.5733

# Harmonies

## Analogous

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



99.7090, 64.7265, -87.4448



104.3280, 59.4913, -41.5067



113.6180, 36.6703, 45.0620

# Triad

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



104.3280, 59.4913, -41.5067



103.3880, -45.0543, 77.7127



90.9070, 0.5388, -79.7254

# Complementary

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



104.3280, 59.4913, -41.5067



177.6720, -59.4913, 41.5067

# 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.



80.5620, -26.4061, -70.6529



104.3280, 59.4913, -41.5067



106.4960, -52.5025, 39.9070

# Square

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



104.3280, 59.4913, -41.5067



97.0760, -11.3765, 102.5423



100.6170, -49.6042, -3.1721



98.5620, 27.3309, -86.4389



# Rectangle

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



104.3280, 59.4913, -41.5067



105.4070, 23.4633, 81.2041



100.6170, -49.6042, -3.1721



87.9260, -8.3445, -77.1111

# Sweetspot

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



104.3280, 59.4913, -41.5067



214.7760, 19.8304, -13.8356



169.0680, 2.9245, -98.2836



103.7460, 11.9572, -8.5472



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



104.3280, 59.4913, -41.5067



89.9620, 81.3637, -56.9717



86.3180, 68.3702, 4.1061



104.0150, 3.9366, -2.6442



49.4140, 62.4069, -43.3361



13.6900, 16.9148, -12.0061



# Inverse Universe

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



112.7040, -3.7981, 98.4836



101.2940, -5.0749, 134.8002



195.6820, -68.3702, -4.1061



104.6310, -0.3111, 6.4626



58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096



# Previews

## White Background



This preview shows how the YUV color 104.3280, 59.4913, -41.5067 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

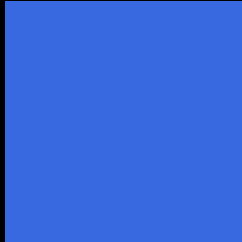
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 104.3280, 59.4913, -41.5067 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

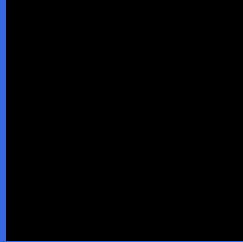
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.3280, 59.4913, -41.5067

## Background



This preview shows how black text looks on a background with the YUV color 104.3280, 59.4913, -41.5067.



This preview shows how white text looks on a background with the YUV color 104.3280, 59.4913, -41.5067.



# 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

104.3280, 59.4913, -41.5067

### Protanopia

94.7700, 65.6824, -67.3273

### Deuteranopia

90.1910, 53.6428, -79.0975



## Tritanopia

87.9500, 22.2096, -77.1321

# Trichromacy



## Original Color

104.3280, 59.4913, -41.5067

## Protanomaly

98.2550, 63.4713, -58.1056

## Deuteranomaly

95.1480, 55.6360, -65.0278

## Tritanomaly

93.8820, 35.5542, -63.9175

# Monochromacy



## Original Color

104.3280, 59.4913, -41.5067

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

103.9330, 21.7250, -14.8502

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.3280, 59.4913, -41.5067 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(57, 105, 225)` looks like.

```
.text, #text, p{  
    color:rgb(57, 105, 225)  
}
```

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(57, 105, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 105, 225) }
```

## Border

The CSS property to change the border of an element to YUV 104.3280, 59.4913, -41.5067 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(57, 105, 225) }
```



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

```
.border{ border-color:rgb(57, 105, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 105, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 105, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 105, 225);  
box-shadow:4px 4px 4px 4px rgb(57, 105,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 104.3280, 59.4913, -41.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 105, 225) }
```

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

```
.background{ background-color: rgb(57, 105,  
225) }
```

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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