

# Converting Colors

YUV(59.5910, 23.8656, -1.3953)

Have a look what the booklet for  
YUV(59.5910, 23.8656, -1.3953)  
contains.

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# Color

**YUV(59.5910, 23.8656,  
-1.3953)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A336C
RGB	58, 51, 108
RGB Percent	23%, 20%, 42%
CMY	0.7725, 0.8000, 0.5765
CMYK	0.46, 0.53, 0.00, 0.58
HSL	247°, 36%, 31%
HSV	247°, 53%, 42%
XYZ	5.6355, 4.3499, 14.7299
YIQ	59.5910, -14.1250, 19.2110

# Conversions

## Conversions Part 2

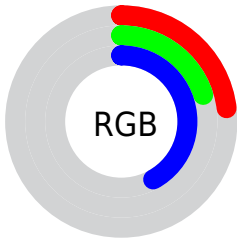
Format	Color
R <sub>Y</sub> B	58, 51, 108
Decimal	3814252
CIE Lab	24.80, 19.13, -32.33
CIE LCh	25, 37.565, 300.606
Yxy	4.3499, 0.2280, 0.1760
Android (android.graphics.Color)	4282004332 (0xFF3A336C)
YUV	59.5910, 23.8656, -1.3953
Hunter-Lab	20.8564, 11.7330, -27.2744

# Details

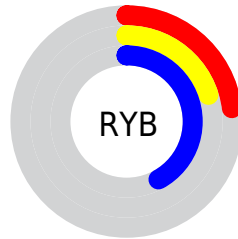
The YUV color **59.5910, 23.8656, -1.3953** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **99.4090, -23.8656, 1.3953**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.0580, 25.6074, -0.0509**, and **13.0420, 23.1503, -5.2988** is the 20% darker color. If you saturate the color by 10%, you get **50.4430, 28.3756, -1.2655**, and if you desaturate by 10%, it is **68.7390, 19.3557, -1.5251**.

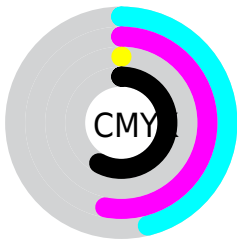
# Distribution



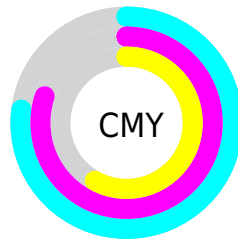
- Red (23%)
- Green (20%)
- Blue (42%)



- Red (23%)
- Yellow (20%)
- Blue (42%)



- Cyan (46%)
- Magenta (53%)
- Yellow (0%)
- Black (58%)



- Cyan (77%)
- Magenta (80%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 59.5910, 23.8656, -1.3953 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 59.5910, 23.8656, -1.3953 by changing the saturation by 10% instead.



■ 59.5910, 23.8656,  
-1.3953

■ 59.5910, 23.8656,  
-1.3953

■ 255.0000, 0.0000,  
0.0000

■ 36.9390, 22.7081,  
-3.4545

■ 108.0580, 25.6074,  
-0.0509

■ 13.0420, 23.1503,  
-5.2988

■ 133.2970, 26.4756,  
1.4935

■ 5.5060, 16.0195,  
-4.8288

■ 159.8240, 27.2018,  
1.9084

■ 2.1830, 5.8258,  
-1.9145

■ 187.0520, 28.0754,  
1.7084

■ 0.0000, 0.0000,  
0.0000

■ 212.5270, 20.9392,  
3.9228

■ 237.6340, 8.5614,

7.3370

■ 59.5910, 23.8656,  
-1.3953

■ 59.5910, 23.8656,  
-1.3953

■ 50.4430, 28.3756,  
-1.2655

■ 68.7390, 19.3557,  
-1.5251

■ 40.9960, 33.0330,  
-1.7505

■ 78.1860, 14.6983,  
-1.0401

■ 32.4350, 37.2535,  
-2.1355

■ 86.7470, 10.4777,  
-0.6551

■ 22.9880, 41.9109,  
-2.6205

■ 96.1940, 5.8204,  
-0.1701

■ 16.1990, 45.2579,  
-2.8055

■ 105.3420, 1.3104,  
-0.2999

■ 114.7890, -3.3470,  
0.1850

■ 123.9370, -7.8569,  
0.0553

■ 132.7970,  
-12.2249, 1.0550

■ 141.9450,  
-16.7349, 0.9252

# Harmonies

## Analogous

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



49.6180, 32.7263, -43.5150



59.5910, 23.8656, -1.3953



59.4440, 13.5851, 29.4286

# Triad

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



59.5910, 23.8656, -1.3953



55.3790, -24.8368, 32.9936



48.9900, 4.9349, -42.9642

# Complementary

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



59.5910, 23.8656, -1.3953



99.4090, -23.8656, 1.3953

# 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.



44.3960, -7.5902, -38.9353



59.5910, 23.8656, -1.3953



55.5740, -27.3980, 14.4056

# Square

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



59.5910, 23.8656, -1.3953



55.5990, -11.6343, 45.0787



51.2400, -24.2753, -7.2265



51.5950, 17.4547, -45.2488



# Rectangle

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



59.5910, 23.8656, -1.3953



56.8710, 5.9796, 42.2091



51.2400, -24.2753, -7.2265



47.2630, 0.8563, -41.4497

# Sweetspot

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



59.5910, 23.8656, -1.3953



121.4050, 9.1673, -0.3552



86.8480, 10.4279, -31.4387



60.0800, 5.3836, -0.0702



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.



59.5910, 23.8656, -1.3953



65.3210, 36.8167, -2.0355



67.9630, 19.7382, 15.8184



48.9830, 2.4734, 0.0149



17.5240, 49.0417, -3.0905



36.9000, 102.5933, -6.0513



# Inverse Universe

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



73.7430, 13.4377, 30.0434



87.0900, 20.6616, 46.4021



91.0370, -19.7382, -15.8184



50.3640, 1.2995, 3.1888



46.7250, 27.7436, 61.6312



97.7650, 57.7969, 129.1251



# Previews

## White Background



This preview shows how the YUV color 59.5910, 23.8656, -1.3953 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 ✓ Pass



# Black Background



This preview shows how the YUV color 59.5910, 23.8656, -1.3953 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

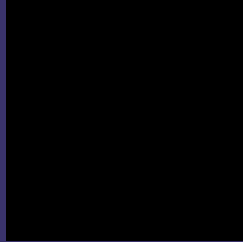
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 59.5910, 23.8656, -1.3953

## Background



This preview shows how black text looks on a background with the YUV color 59.5910, 23.8656, -1.3953.



This preview shows how white text looks on a background with the YUV color 59.5910, 23.8656, -1.3953.

-1.3953.

# 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

59.5910, 23.8656, -1.3953

### Protanopia

53.9300, 29.6145, -25.3716

### Deuteranopia

50.2940, 27.4631, -35.3378



## Tritanopia

57.3840, 4.2477, -9.1068

# Trichromacy



## Original Color

59.5910, 23.8656, -1.3953

## Protanomaly

56.1160, 27.5508, -16.7647

## Deuteranomaly

53.7300, 26.2621, -23.4422

## Tritanomaly

57.9420, 11.3676, -6.0881

# Monochromacy



## Original Color

59.5910, 23.8656, -1.3953

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

59.8780, 8.4411, -0.7700

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 59.5910, 23.8656, -1.3953 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(58, 51, 108)` looks like.

```
.text, #text, p{  
    color:rgb(58, 51, 108)  
}
```

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(58, 51, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 51, 108) }
```

## Border

The CSS property to change the border of an element to YUV 59.5910, 23.8656, -1.3953 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(58, 51, 108) }
```



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

```
.border{ border-color:rgb(58, 51, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 51, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 51, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 51, 108);  
box-shadow:4px 4px 4px 4px rgb(58, 51,  
108) }
```

# Background

The CSS property to change the background color of an element to YUV 59.5910, 23.8656, -1.3953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 51, 108) }
```

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

```
.background{ background-color: rgb(58, 51,  
108) }
```

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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