

# Converting Colors

YUV(104.6840, 19.3828,  
-10.2469)

Have a look what the booklet for  
YUV(104.6840, 19.3828, -10.2469)  
contains.

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# Color

**YUV(104.6840, 19.3828,  
-10.2469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D6790
RGB	93, 103, 144
RGB Percent	36%, 40%, 56%
CMY	0.6353, 0.5961, 0.4353
CMYK	0.35, 0.28, 0.00, 0.44
HSL	228°, 22%, 46%
HSV	228°, 35%, 56%
XYZ	14.3985, 14.0413, 28.3369
YIQ	104.6840, -19.1210, 10.6310

# Conversions

## Conversions Part 2

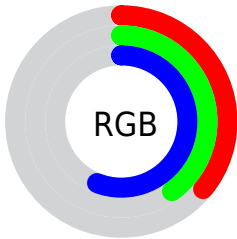
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 101, 144
Decimal	6121360
CIE <sub>Lab</sub>	44.29, 6.66, -23.74
CIE <sub>LCh</sub>	44, 24.656, 285.673
Yxy	14.0413, 0.2536, 0.2473
Android (android.graphics.Color)	4284311440 (0xFF5D6790)
YUV	104.6840, 19.3828, -10.2469
Hunter-Lab	37.4717, 3.0132, -18.6062

# Details

The YUV color **104.6840, 19.3828, -10.2469** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **132.3160, -19.3828, 10.2469**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3250, 20.5458, -9.9320**, and **56.6300, 17.9304, -11.0765** is the 20% darker color. If you saturate the color by 10%, you get **93.4540, 24.9192, -12.6762**, and if you desaturate by 10%, it is **115.9140, 13.8464, -7.8176**.

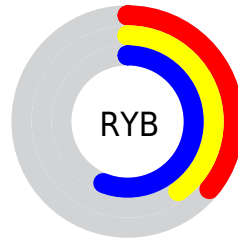
# Distribution



Red (36%)

Green (40%)

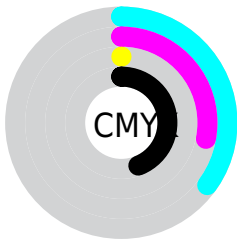
Blue (56%)



Red (36%)

Yellow (40%)

Blue (56%)

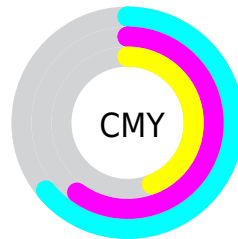


Cyan (35%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (60%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.6840, 19.3828, -10.2469 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 104.6840, 19.3828, -10.2469 by changing the saturation by 10% instead.



■ 104.6840, 19.3828,  
-10.2469

■ 104.6840, 19.3828,  
-10.2469

■ 255.0000, 0.0000,  
0.0000

■ 80.1570, 18.6566,  
-10.6617

■ 156.3250, 20.5458,  
-9.9320

■ 56.6300, 17.9304,  
-11.0765

■ 183.4390, 20.9826,  
-10.0320

■ 34.2060, 17.6464,  
-13.3357

■ 210.9660, 21.7088,  
-9.6172

■ 12.9890, 16.7674,  
-11.3914

■ 235.7740, 9.4784,  
-6.8178

■ 3.5510, 11.0674,  
-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 104.6840, 19.3828,  
-10.2469

■ 104.6840, 19.3828,  
-10.2469

■ 93.4540, 24.9192,  
-12.6762

■ 115.9140, 13.8464,  
-7.8176

■ 82.5120, 30.3136,  
-16.2350

■ 126.8560, 8.4520,  
-4.2587

■ 71.2820, 35.8500,  
-18.6643

■ 138.0860, 2.9156,  
-1.8294

■ 60.3400, 41.2444,  
-22.2232

■ 149.0280, -2.4788,  
1.7294

■ 49.1100, 46.7808,  
-24.6525

■ 160.2580, -8.0152,  
4.1587

■ 38.4670, 52.0278,  
-27.5966


■ 170.9010,  
-13.2622, 7.1028

■ 32.8520, 54.7960,  
-28.8112

■ 182.4300,  
-18.9460, 10.1469

■ 193.6600,

-24.4824, 12.5762

 204.6020,  
-29.8768, 16.1350

# Harmonies

## Analogous

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



98.9260, 22.2215, -34.1381



104.6840, 19.3828, -10.2469



107.6930, 12.4764, 11.6702

# Triad

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



104.6840, 19.3828, -10.2469



105.4140, -14.5011, 31.2089



95.8620, -0.9180, -32.3280

# Complementary

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



104.6840, 19.3828, -10.2469



132.3160, -19.3828, 10.2469

# 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.



99.7090, -12.1815, -12.8998



104.6840, 19.3828, -10.2469



104.0830, -19.2679, 20.0982

# Square

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



104.6840, 19.3828, -10.2469



106.4280, -5.6340, 33.8276



102.5110, -18.4929, 4.8139



91.6670, 11.5032, -49.6970



# Rectangle

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



104.6840, 19.3828, -10.2469



107.9780, 6.9128, 22.8213



102.5110, -18.4929, 4.8139



97.1680, -5.0128, -25.5803

# Sweetspot

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



104.6840, 19.3828, -10.2469



170.6280, 7.5784, -4.0588



127.6110, 3.1498, -30.3538



84.5420, 4.6628, -2.2293



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.



104.6840, 19.3828, -10.2469



124.5120, 30.3136, -16.2350



103.2990, 20.0656, 4.1228



65.9720, 2.4788, -1.7294



31.2390, 51.1542, -27.3966



2.0860, 2.9156, -1.8294



# Inverse Universe

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



109.3890, -3.1498, 30.3538



131.7440, -4.8038, 47.5825



133.7010, -20.0656, -4.1228



66.3210, -0.1583, 4.1035



43.4430, -8.1064, 80.2955

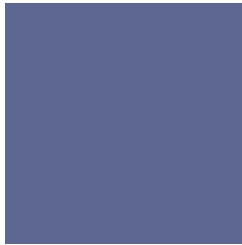


2.6200, -0.3057, 4.7183



# Previews

## White Background



This preview shows how the YUV color 104.6840, 19.3828, -10.2469 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 104.6840, 19.3828, -10.2469 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

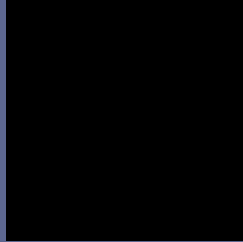
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

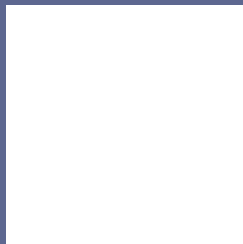
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 104.6840, 19.3828, -10.2469

## Background



This preview shows how black text looks on a background with the YUV color 104.6840, 19.3828, -10.2469.



This preview shows how white text looks on a background with the YUV color 104.6840, 19.3828, -10.2469.

-10.2469.

# 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

104.6840, 19.3828, -10.2469

### Protanopia

104.3850, 19.5302, -10.8616

### Deuteranopia

104.3850, 19.5302, -10.8616



**Tritanopia**

102.7470, 7.0267, -13.8101

# Trichromacy



## Original Color

104.6840, 19.3828, -10.2469

## Protanomaly

104.3850, 19.5302, -10.8616

## Deuteranomaly

104.3850, 19.5302, -10.8616

## Tritanomaly

103.3110, 11.6787, -12.5507

# Monochromacy



## Original Color

104.6840, 19.3828, -10.2469

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8130, 6.9942, -3.3440

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.6840, 19.3828, -10.2469 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(93, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(93, 103, 144)  
}
```

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(93, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 103, 144) }
```

## Border

The CSS property to change the border of an element to YUV 104.6840, 19.3828, -10.2469 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(93, 103, 144) }
```



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

```
.border{ border-color:rgb(93, 103, 144) }
```

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

Here you see how a box with a 4 pixel rgb(93, 103, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(93, 103,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 104.6840, 19.3828, -10.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 103, 144) }
```

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

```
.background{ background-color: rgb(93, 103,  
144) }
```

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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