

# Converting Colors

YUV(113.7690, 23.7779,  
-19.9684)

Have a look what the booklet for  
YUV(113.7690, 23.7779, -19.9684)  
contains.

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# Color

**YUV(113.7690, 23.7779,  
-19.9684)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B74A2
RGB	91, 116, 162
RGB Percent	36%, 45%, 64%
CMY	0.6431, 0.5451, 0.3647
CMYK	0.44, 0.28, 0.00, 0.36
HSL	219°, 28%, 50%
HSV	219°, 44%, 64%
XYZ	17.0814, 17.3236, 36.6259
YIQ	113.7690, -29.6660, 9.0060

# Conversions

## Conversions Part 2

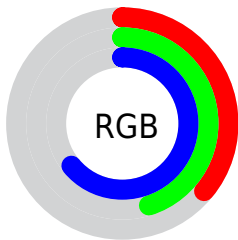
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 109, 162
Decimal	5993634
CIE Lab	48.67, 3.43, -27.60
CIE LCh	49, 27.814, 277.089
Yxy	17.3236, 0.2405, 0.2439
Android (android.graphics.Color)	4284183714 (0xFF5B74A2)
YUV	113.7690, 23.7779, -19.9684
Hunter-Lab	41.6216, 0.4180, -23.0386

# Details

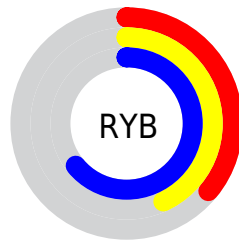
The YUV color **113.7690, 23.7779, -19.9684** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **139.2310, -23.7779, 19.9684**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.4100, 24.9409, -19.6536**, and **64.1170, 22.6203, -22.0276** is the 20% darker color. If you saturate the color by 10%, you get **103.1150, 29.0303, -24.6569**, and if you desaturate by 10%, it is **124.4230, 18.5255, -15.2800**.

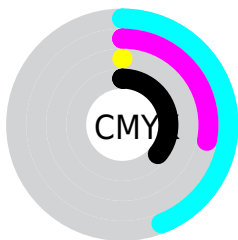
# Distribution



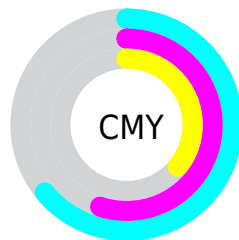
- Red (36%)
- Green (45%)
- Blue (64%)



- Red (36%)
- Yellow (43%)
- Blue (64%)



- Cyan (44%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (55%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.7690, 23.7779, -19.9684 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 113.7690, 23.7779, -19.9684 by changing the saturation by 10% instead.



■ 113.7690, 23.7779,  
-19.9684

■ 113.7690, 23.7779,  
-19.9684

255.0000, 0.0000,  
0.0000

■ 88.9430, 23.1991,  
-20.9980

■ 166.4100, 24.9409,  
-19.6536

■ 64.1170, 22.6203,  
-22.0276

■ 193.6380, 25.8145,  
-19.8535

■ 38.6000, 23.3682,  
-28.5902

■ 219.4720, 17.5153,  
-17.9539

■ 22.3300, 19.5573,  
-19.5834

■ 244.5790, 5.1376,  
-14.5398

■ 6.3210, 16.6037,  
-5.5435

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,

0.0000

■ 113.7690, 23.7779,  
-19.9684

■ 113.7690, 23.7779,  
-19.9684

■ 103.1150, 29.0303,  
-24.6569

■ 124.4230, 18.5255,  
-15.2800

■ 91.8740, 34.5721,  
-28.8305

■ 135.6640, 12.9836,  
-11.1063

■ 80.9210, 39.9719,  
-34.1337

■ 146.6170, 7.5838,  
-5.8031

■ 69.6800, 45.5138,  
-38.3074

■ 157.8580, 2.0420,  
-1.6295

■ 59.0260, 50.7662,  
-42.9958

■ 168.5120, -3.2104,  
3.0590

■ 51.9270, 54.2660,  
-45.5400

■ 179.7530, -8.7522,  
7.2326

■ 190.4070,  
-14.0047, 11.9211

■ 201.9470,  
-19.6939, 16.7095

■ 212.6010,  
-24.9463, 21.3979

# Harmonies

## Analogous

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



105.4620, 25.9012, -47.7632



113.7690, 23.7779, -19.9684



117.9250, 17.2920, 7.0818

# Triad

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



113.7690, 23.7779, -19.9684



116.8600, -14.2280, 36.9568



107.1350, -4.9966, -30.8134

# Complementary

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



113.7690, 23.7779, -19.9684



139.2310, -23.7779, 19.9684

# 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.



110.8790, -16.7023, -9.5409



113.7690, 23.7779, -19.9684



115.3720, -20.8894, 26.8608

# Square

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



113.7690, 23.7779, -19.9684



117.7320, -3.3189, 37.9460



113.5180, -22.4404, 10.9467



100.8900, 9.9142, -53.4005



# Rectangle

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



113.7690, 23.7779, -19.9684



118.7050, 10.9914, 21.3067



113.5180, -22.4404, 10.9467



108.6260, -9.6756, -23.3510

# Sweetspot

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



113.7690, 23.7779, -19.9684



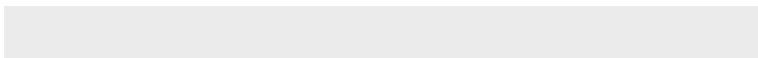
193.0620, 9.3364, -7.9474



137.8070, -0.8909, -41.0497



95.4600, 5.6892, -4.7884



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



113.7690, 23.7779, -19.9684



135.3620, 37.7825, -31.8895



101.7850, 29.6860, -1.5654



75.7870, 3.0630, -2.4442



46.4670, 48.5768, -40.7516



5.5740, 6.1260, -4.8884



# Inverse Universe

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



115.0790, 0.4541, 41.1497



137.3470, 0.8149, 65.4707



151.2150, -29.6860, 1.5654



76.0330, -0.0163, 5.2331



49.1690, 0.9027, 84.0438



6.0660, -0.0325, 10.4661



# Previews

## White Background



This preview shows how the YUV color 113.7690, 23.7779, -19.9684 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

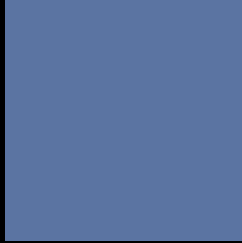
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 113.7690, 23.7779, -19.9684 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

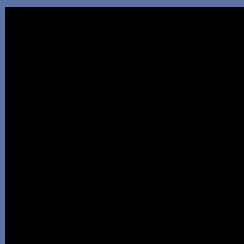
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

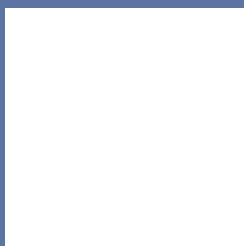
Any Text WCAG AAA × Fail

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

# YUV 113.7690, 23.7779, -19.9684 Background



This preview shows how black text looks on a background with the YUV color 113.7690, 23.7779, -19.9684.



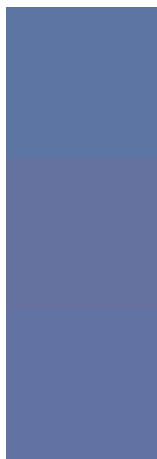
This preview shows how white text looks on a background with the YUV color 113.7690, 23.7779, -19.9684.

-19.9684.

# 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

113.7690, 23.7779, -19.9684

### Protanopia

115.3570, 22.0090, -12.5911

### Deuteranopia

114.6880, 23.3248, -14.6354



## Tritanopia

111.4790, 10.1169, -24.9761

# Trichromacy



## Original Color

113.7690, 23.7779, -19.9684

## Protanomaly

114.8620, 22.7460, -15.6650

## Deuteranomaly

114.3780, 23.4776, -16.9945

## Tritanomaly

112.4560, 15.0582, -23.2019

# Monochromacy



## Original Color

113.7690, 23.7779, -19.9684

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.1330, 8.3154, -7.1326

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.7690, 23.7779, -19.9684 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(91, 116, 162)` looks like.

```
.text, #text, p{  
    color:rgb(91, 116, 162)  
}
```

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(91, 116, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 116, 162) }
```

## Border

The CSS property to change the border of an element to YUV 113.7690, 23.7779, -19.9684 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(91, 116, 162) }
```



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

```
.border{ border-color:rgb(91, 116, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 116, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 116, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 116, 162);  
box-shadow:4px 4px 4px 4px rgb(91, 116,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 113.7690, 23.7779, -19.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 116, 162) }
```

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

```
.background{ background-color: rgb(91, 116,  
162) }
```

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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