

Converting Colors

YUV(119.9870, 39.9394,
-23.6676)

Have a look what the booklet for
YUV(119.9870, 39.9394, -23.6676)
contains.

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Color

**YUV(119.9870, 39.9394,
-23.6676)**

Conversions

Conversions Part 1

Format	Color
Hex	5D76C9
RGB	93, 118, 201
RGB Percent	36%, 46%, 79%
CMY	0.6353, 0.5373, 0.2118
CMYK	0.54, 0.41, 0.00, 0.21
HSL	226°, 50%, 58%
HSV	226°, 54%, 79%
XYZ	21.5352, 19.5011, 57.8874
YIQ	119.9870, -41.5430, 20.5130

Conversions

Conversions Part 2

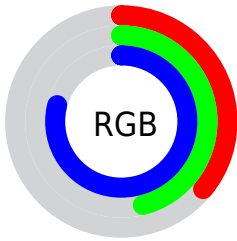
Format	Color
R _Y B	93, 113, 201
Decimal	6125257
CIE Lab	51.27, 14.87, -46.04
CIE LCh	51, 48.382, 287.897
Yxy	19.5011, 0.2177, 0.1971
Android (android.graphics.Color)	4284315337 (0xFF5D76C9)
YUV	119.9870, 39.9394, -23.6676
Hunter-Lab	44.1600, 9.7680, -46.8086

Details

The YUV color **119.9870, 39.9394, -23.6676** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **174.0130, -39.9394, 23.6676**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7100, 40.0760, -20.7937**, and **66.7040, 39.0929, -32.1894** is the 20% darker color. If you saturate the color by 10%, you get **105.2020, 47.2284, -28.2412**, and if you desaturate by 10%, it is **134.7720, 32.6504, -19.0940**.

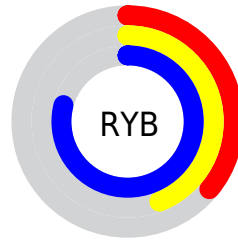
Distribution



Red (36%)

Green (46%)

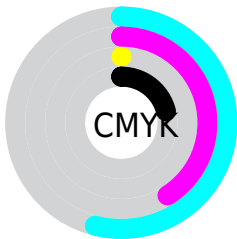
Blue (79%)



Red (36%)

Yellow (44%)

Blue (79%)

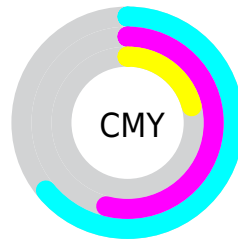


Cyan (54%)

Magenta (41%)

Yellow (0%)

Black (21%)



Cyan (64%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9870, 39.9394, -23.6676 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 119.9870, 39.9394, -23.6676 by changing the saturation by 10% instead.

■ 119.9870, 39.9394,
-23.6676

■ 119.9870, 39.9394,
-23.6676

■ 255.0000, 0.0000,
0.0000

■ 94.0360, 38.9293,
-26.3416

■ 173.7100, 40.0760,
-20.7937

■ 66.7040, 39.0929,
-32.1894

■ 197.9310, 28.1350,
-17.4795

■ 41.8560, 38.5250,
-36.7077

■ 223.0380, 15.7573,
-14.0653

■ 27.2660, 33.3929,
-23.9123

■ 248.4440, 3.2321,
-10.0364

■ 8.6810, 30.7233,
-7.6132

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 119.9870, 39.9394,
-23.6676

■ 119.9870, 39.9394,
-23.6676

■ 105.2020, 47.2284,
-28.2412

■ 134.7720, 32.6504,
-19.0940

■ 89.8300, 54.8068,
-32.2999

■ 150.1440, 25.0720,
-15.0353

■ 75.0450, 62.0958,
-36.8735

■ 164.9290, 17.7830,
-10.4617

■ 59.6730, 69.6742,
-40.9322

■ 180.3010, 10.2046,
-6.4030

■ 50.5030, 74.1950,
-44.2911

■ 195.3850, 2.7682,
-1.2146

■ 210.7570, -4.8102,
2.8441

■ 225.5420,
-12.0992, 7.4177

■ 240.9140,
-19.6776, 11.4764

■ 248.8440,
-23.5871, 5.3988

Harmonies

Analogous

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



100.6260, 50.4704, -88.2490



119.9870, 39.9394, -23.6676



126.2230, 25.5261, 26.1144

Triad

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



119.9870, 39.9394, -23.6676



120.2080, -28.6965, 57.6996



94.5090, 4.1861, -82.8844

Complementary

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



119.9870, 39.9394, -23.6676



174.0130, -39.9394, 23.6676

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.



109.2430, -22.3048, -32.6621



119.9870, 39.9394, -23.6676



118.3780, -40.1194, 34.7485

Square

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



119.9870, 39.9394, -23.6676



120.9700, -10.8312, 67.5553



115.5330, -38.7168, 4.7946



99.9980, 22.6790, -87.6982

Rectangle

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



119.9870, 39.9394, -23.6676



124.5050, 14.5410, 49.5461



115.5330, -38.7168, 4.7946



92.3260, -1.6397, -80.9699

Sweetspot

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



119.9870, 39.9394, -23.6676



224.5440, 15.0148, -9.2471



165.8580, 5.0000, -63.8965



109.3720, 9.1836, -5.5882



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.



119.9870, 39.9394, -23.6676



132.8880, 60.2012, -35.8588



113.9830, 42.8994, 7.0309



92.2000, 3.3524, -1.9294



40.8880, 60.2012, -35.8588



8.8000, 13.4096, -7.7176

Inverse Universe

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



128.1420, -5.0000, 63.8965



145.0690, -7.4290, 96.4095



180.0170, -42.8994, -7.0309



92.9190, -0.4531, 5.3330



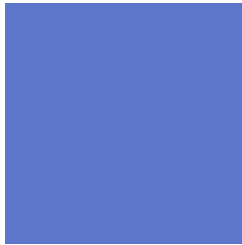
53.0690, -7.4290, 96.4095



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 119.9870, 39.9394, -23.6676 looks on a white background.

Color Contrast Check

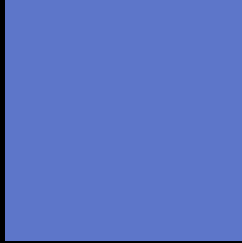
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 119.9870, 39.9394, -23.6676 looks on a black 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

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

YUV 119.9870, 39.9394, -23.6676

Background



This preview shows how black text looks on a background with the YUV color 119.9870, 39.9394, -23.6676.



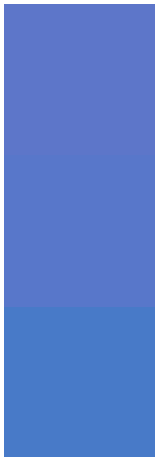
This preview shows how white text looks on a background with the YUV color 119.9870, 39.9394, -23.6676.

-23.6676.

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

119.9870, 39.9394, -23.6676

Protanopia

119.1930, 40.8239, -27.3563

Deuteranopia

115.9420, 41.4406, -38.5371



Tritanopia

114.4990, 13.0650, -37.2716

Trichromacy



Original Color

119.9870, 39.9394, -23.6676

Protanomaly

119.7910, 40.5290, -26.1267

Deuteranomaly

117.7470, 40.5507, -33.1041

Tritanomaly

116.4640, 22.9422, -31.9789

Monochromacy



Original Color

119.9870, 39.9394, -23.6676

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7290, 14.4306, -8.5323

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9870, 39.9394, -23.6676 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, 118, 201)` looks like.

```
.text, #text, p{  
    color:rgb(93, 118, 201)  
}
```

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, 118, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 118, 201) }
```

Border

The CSS property to change the border of an element to YUV 119.9870, 39.9394, -23.6676 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, 118, 201) }
```


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

```
.border{ border-color:rgb(93, 118, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 118, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 118, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 118, 201);  
box-shadow:4px 4px 4px 4px rgb(93, 118,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 119.9870, 39.9394, -23.6676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 118, 201) }
```

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

```
.background{ background-color: rgb(93, 118,  
201) }
```

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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