

Converting Colors

YUV(123.9320, 39.9665,
-32.3894)

Have a look what the booklet for
YUV(123.9320, 39.9665, -32.3894)
contains.

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Color

**YUV(123.9320, 39.9665,
-32.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	577FCD
RGB	87, 127, 205
RGB Percent	34%, 50%, 80%
CMY	0.6588, 0.5020, 0.1961
CMYK	0.58, 0.38, 0.00, 0.20
HSL	220°, 54%, 57%
HSV	220°, 58%, 80%
XYZ	22.5393, 21.6128, 60.7413
YIQ	123.9320, -48.8780, 15.7780

Conversions

Conversions Part 2

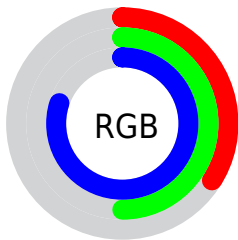
Format	Color
R _Y B	87, 117, 205
Decimal	5734349
CIE Lab	53.61, 9.42, -44.62
CIE LCh	54, 45.602, 281.927
Yxy	21.6128, 0.2149, 0.2060
Android (android.graphics.Color)	4283924429 (0xFF577FCD)
YUV	123.9320, 39.9665, -32.3894
Hunter-Lab	46.4895, 5.1846, -44.9233

Details

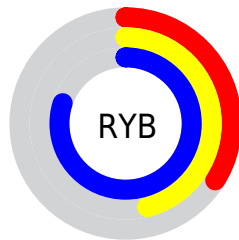
The YUV color **123.9320, 39.9665, -32.3894** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **168.0680, -39.9665, 32.3894**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4980, 38.2085, -28.5007**, and **67.6590, 40.5941, -47.0589** is the 20% darker color. If you saturate the color by 10%, you get **109.4350, 47.1135, -38.0925**, and if you desaturate by 10%, it is **138.4290, 32.8195, -26.6862**.

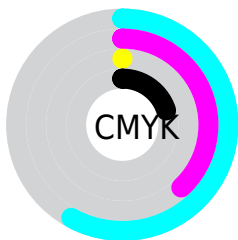
Distribution



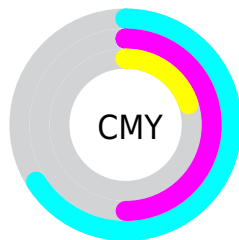
- Red (34%)
- Green (50%)
- Blue (80%)



- Red (34%)
- Yellow (46%)
- Blue (80%)



- Cyan (58%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9320, 39.9665, -32.3894 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 123.9320, 39.9665, -32.3894 by changing the saturation by 10% instead.

■ 123.9320, 39.9665,
-32.3894

■ 123.9320, 39.9665,
-32.3894

255.0000, 0.0000,
0.0000

■ 96.7960, 39.5406,
-35.7781

■ 177.4980, 38.2085,
-28.5007

■ 67.6590, 40.5941,
-47.0589

■ 202.6050, 25.8307,
-25.0866

■ 47.0080, 37.9571,
-41.2260

■ 227.7120, 13.4530,
-21.6724

■ 31.8310, 33.1143,
-27.9158

■ 248.1230, 3.3904,
-14.1399

■ 16.6540, 28.2716,
-14.6056

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 123.9320, 39.9665,
-32.3894

■ 123.9320, 39.9665,
-32.3894

■ 109.4350, 47.1135,
-38.0925

■ 138.4290, 32.8195,
-26.6862

■ 95.8240, 53.8238,
-43.6956

■ 152.0400, 26.1093,
-21.0831

■ 81.6260, 60.8234,
-48.7840

■ 166.5370, 18.9623,
-15.3799

■ 67.7160, 67.6810,
-55.0019

■ 180.1480, 12.2520,
-9.7768

■ 63.8730, 69.5756,
-56.0166

■ 194.6450, 5.1050,
-4.0737

■ 208.2560, -1.6052,
1.5295

■ 222.7530, -8.7522,
7.2326

■ 236.3640,
-15.4625, 12.8358

■ 245.7780,
-20.1036, 8.0877

Harmonies

Analogous

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



104.6210, 48.0078, -91.7526



123.9320, 39.9665, -32.3894



131.6240, 27.3004, 16.9928

Triad

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



123.9320, 39.9665, -32.3894



127.2450, -24.7708, 58.5441



101.2170, 0.3860, -77.3663

Complementary

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



123.9320, 39.9665, -32.3894



168.0680, -39.9665, 32.3894

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.



117.9130, -25.1001, -22.7257



123.9320, 39.9665, -32.3894



125.4370, -36.2044, 39.0818

Square

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



123.9320, 39.9665, -32.3894



128.2730, -7.0366, 63.7816



122.6200, -37.2807, 10.8573



103.1780, 19.6322, -90.4871

Rectangle

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



123.9320, 39.9665, -32.3894



131.4330, 17.0415, 40.8393



122.6200, -37.2807, 10.8573



111.2220, -10.4624, -51.0607

Sweetspot

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



123.9320, 39.9665, -32.3894



225.1200, 14.7308, -11.5062



165.0440, -0.5147, -68.4446



110.2470, 8.7522, -7.2326



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.



123.9320, 39.9665, -32.3894



134.2840, 59.5130, -48.4841



105.8340, 48.8888, -0.7314



94.9010, 3.4998, -2.5442



51.7960, 56.3026, -45.4251



11.9630, 12.8362, -10.4916

Inverse Universe

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



126.8420, 0.0779, 68.5446



138.4640, 0.2642, 102.2021



186.1660, -48.8888, 0.7314



95.3320, -0.1637, 5.8478



56.0180, -0.0089, 96.4542



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 123.9320, 39.9665, -32.3894 looks on a white background.

Color Contrast Check

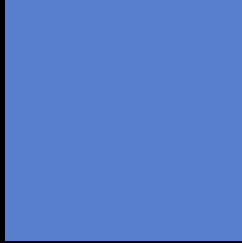
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.9320, 39.9665, -32.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

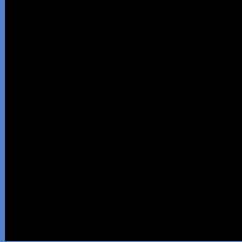
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.9320, 39.9665, -32.3894

Background



This preview shows how black text looks on a background with the YUV color 123.9320, 39.9665, -32.3894.

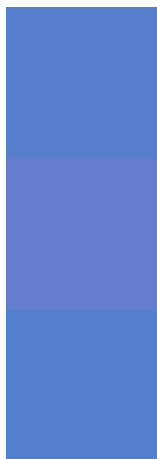


This preview shows how white text looks on a background with the YUV color 123.9320, 39.9665, -32.3894.

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

123.9320, 39.9665, -32.3894

Protanopia

125.8190, 38.0502, -24.3973

Deuteranopia

123.3230, 40.2668, -35.3633



Tritanopia

118.1280, 15.7129, -46.5933

Trichromacy



Original Color

123.9320, 39.9665, -32.3894

Protanomaly

125.3240, 38.7873, -27.4711

Deuteranomaly

123.6220, 40.1194, -34.7485

Tritanomaly

120.4520, 24.4272, -41.6154

Monochromacy



Original Color

123.9320, 39.9665, -32.3894

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0060, 14.2940, -11.4063

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9320, 39.9665, -32.3894 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(87, 127, 205)` looks like.

```
.text, #text, p{  
    color:rgb(87, 127, 205)  
}
```

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(87, 127, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 127, 205) }
```

Border

The CSS property to change the border of an element to YUV 123.9320, 39.9665, -32.3894 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(87, 127, 205) }
```


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

```
.border{ border-color:rgb(87, 127, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 127, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 127, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 127, 205);  
box-shadow:4px 4px 4px 4px rgb(87, 127,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 123.9320, 39.9665, -32.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 127, 205) }
```

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

```
.background{ background-color: rgb(87, 127,  
205) }
```

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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