

Converting Colors

YUV(123.9320, 19.7535,
-35.8974)

Have a look what the booklet for
YUV(123.9320, 19.7535, -35.8974)
contains.

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Color

**YUV(123.9320, 19.7535,
-35.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	5389A4
RGB	83, 137, 164
RGB Percent	33%, 54%, 64%
CMY	0.6745, 0.4627, 0.3569
CMYK	0.49, 0.16, 0.00, 0.36
HSL	200°, 33%, 48%
HSV	200°, 49%, 64%
XYZ	19.2138, 22.4107, 38.4350
YIQ	123.9320, -40.8510, -3.0510

Conversions

Conversions Part 2

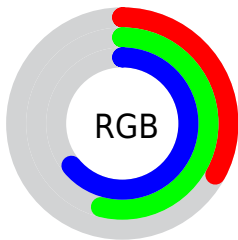
Format	Color
RYB	83, 115, 164
Decimal	5474724
CIELab	54.46, -10.26, -19.86
CIELCh	54, 22.358, 242.680
Yxy	22.4107, 0.2400, 0.2799
Android (android.graphics.Color)	4283664804 (0xFF5389A4)
YUV	123.9320, 19.7535, -35.8974
Hunter-Lab	47.3399, -10.3973, -14.9993

Details

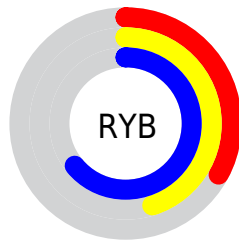
The YUV color **123.9320, 19.7535, -35.8974** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **123.0680, -19.7535, 35.8974**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4590, 20.4797, -35.4825**, and **71.3120, 20.0592, -40.6156** is the 20% darker color. If you saturate the color by 10%, you get **116.2130, 23.5590, -43.1598**, and if you desaturate by 10%, it is **131.6510, 15.9481, -28.6349**.

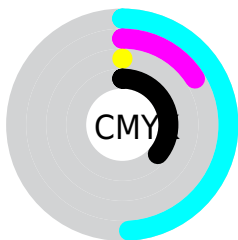
Distribution



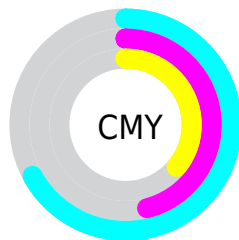
- Red (33%)
- Green (54%)
- Blue (64%)



- Red (33%)
- Yellow (45%)
- Blue (64%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9320, 19.7535, -35.8974 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, 19.7535, -35.8974 by changing the saturation by 10% instead.

■ 123.9320, 19.7535,
-35.8974

■ 123.9320, 19.7535,
-35.8974

■ 255.0000, 0.0000,
0.0000

■ 98.2200, 19.6115,
-37.0269

■ 177.4590, 20.4797,
-35.4825

■ 71.3120, 20.0592,
-40.6156

■ 205.5730, 20.9165,
-35.5825

■ 47.6000, 19.9172,
-41.7452

■ 231.7660, 11.4544,
-33.9978

■ 31.9500, 15.8006,
-28.0202

■ 245.1330, 4.8644,
-20.2876

■ 17.7020, 11.9789,
-15.5247

■ 253.8040, 0.5896,
-2.4591

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 123.9320, 19.7535,
-35.8974

■ 123.9320, 19.7535,
-35.8974

■ 116.2130, 23.5590,
-43.1598

■ 131.6510, 15.9481,
-28.6349

■ 107.6080, 27.8013,
-50.5222

■ 140.2560, 11.7058,
-21.2725

■ 99.8890, 31.6067,
-57.7847

■ 147.9750, 7.9003,
-14.0101

■ 91.2840, 35.8490,
-65.1471

■ 156.5800, 3.6581,
-6.6477

■ 83.5650, 39.6545,
-72.4095

■ 164.2990, -0.1474,
0.6148

■ 82.6790, 40.0913,
-72.5095

■ 172.6050, -4.2423,
7.3624

■ 180.6230, -8.1951,
15.2396

■ 188.9290,
-12.2900, 21.9873

■ 196.9470,
-16.2429, 29.8645

Harmonies

Analogous

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



120.5090, 14.5391, -43.4194



123.9320, 19.7535, -35.8974



128.4550, 19.9887, -17.9390

Triad

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



123.9320, 19.7535, -35.8974



133.0300, -1.9868, 30.6687



126.7810, -14.6820, -4.1929

Complementary

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



123.9320, 19.7535, -35.8974



123.0680, -19.7535, 35.8974

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.



129.2560, -18.3672, 11.1765



123.9320, 19.7535, -35.8974



132.0380, -10.8647, 31.5387

Square

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



123.9320, 19.7535, -35.8974



133.6680, 7.0657, 20.4622



130.8000, -16.6634, 24.7314



123.9620, -5.8973, -21.8917

Rectangle

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



123.9320, 19.7535, -35.8974



131.4460, 17.0351, -3.8991



130.8000, -16.6634, 24.7314



127.9450, -16.7349, 0.9252

Sweetspot

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



123.9320, 19.7535, -35.8974



197.9750, 7.9003, -14.0101



133.6250, -11.6471, -44.3981



97.7970, 4.5371, -8.5920



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.



123.9320, 19.7535, -35.8974



151.6720, 30.7277, -55.8403



100.4520, 31.3292, -15.3054



77.5480, 2.1948, -3.9886



73.4690, 35.2648, -64.4323



9.0960, 4.3897, -7.9772

Inverse Universe

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



113.3750, 11.6471, 44.3981



135.2500, 18.1178, 69.0637



147.1350, -31.6186, 14.7906



76.3750, 1.2941, 4.9331



54.4130, 20.9954, 79.4448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 123.9320, 19.7535, -35.8974 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, 19.7535, -35.8974 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

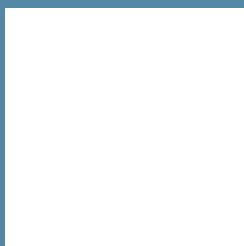
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.9320, 19.7535, -35.8974

Background



This preview shows how black text looks on a background with the YUV color 123.9320, 19.7535, -35.8974.



This preview shows how white text looks on a background with the YUV color 123.9320, 19.7535, -35.8974.

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, 19.7535, -35.8974

Protanopia

129.9250, 13.8410, -6.0732

Deuteranopia

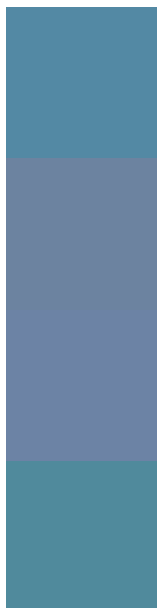
130.2500, 17.6247, -6.3582



Tritanopia

122.4280, 14.0860, -38.0864

Trichromacy



Original Color

123.9320, 19.7535, -35.8974

Protanomaly

127.4290, 16.0575, -17.0392

Deuteranomaly

127.9990, 18.2415, -17.5391

Tritanomaly

122.7100, 16.4120, -37.4567

Monochromacy



Original Color

123.9320, 19.7535, -35.8974

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1600, 7.3161, -13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9320, 19.7535, -35.8974 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(83, 137, 164)` looks like.

```
.text, #text, p{  
    color:rgb(83, 137, 164)  
}
```

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(83, 137, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 137, 164) }
```

Border

The CSS property to change the border of an element to YUV 123.9320, 19.7535, -35.8974 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(83, 137, 164) }
```


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

```
.border{ border-color:rgb(83, 137, 164) }
```

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

Here you see how a box with a 4 pixel rgb(83, 137, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 137, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 137, 164);  
box-shadow:4px 4px 4px 4px rgb(83, 137,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 123.9320, 19.7535, -35.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 137, 164) }
```

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

```
.background{ background-color: rgb(83, 137,  
164) }
```

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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