

Converting Colors

YUV(123.9140, 43.9194,
-40.2666)

Have a look what the booklet for
YUV(123.9140, 43.9194, -40.2666)
contains.

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Color

**YUV(123.9140, 43.9194,
-40.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	4E82D5
RGB	78, 130, 213
RGB Percent	31%, 51%, 84%
CMY	0.6941, 0.4902, 0.1647
CMYK	0.63, 0.39, 0.00, 0.16
HSL	217°, 62%, 57%
HSV	217°, 63%, 84%
XYZ	23.1348, 22.3891, 66.0530
YIQ	123.9140, -57.6350, 14.7890

Conversions

Conversions Part 2

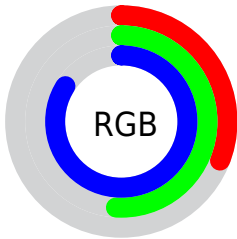
Format	Color
R _Y B	78, 116, 213
Decimal	5145301
CIE Lab	54.44, 8.58, -47.86
CIE LCh	54, 48.625, 280.158
Yxy	22.3891, 0.2073, 0.2007
Android (android.graphics.Color)	4283335381 (0xFF4E82D5)
YUV	123.9140, 43.9194, -40.2666
Hunter-Lab	47.3171, 4.4692, -49.6448

Details

The YUV color **123.9140, 43.9194, -40.2666** 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 **167.0860, -43.9194, 40.2666**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7530, 38.0828, -34.8634**, and **65.5590, 45.5734, -57.4952** is the 20% darker color. If you saturate the color by 10%, you get **110.0040, 50.7770, -46.4845**, and if you desaturate by 10%, it is **137.8240, 37.0618, -34.0486**.

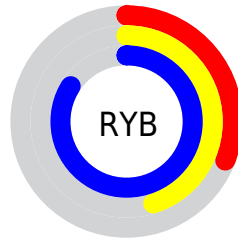
Distribution



Red (31%)

Green (51%)

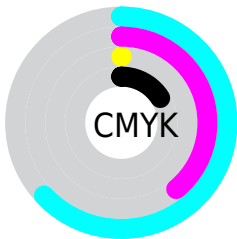
Blue (84%)



Red (31%)

Yellow (45%)

Blue (84%)

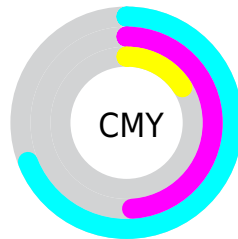


Cyan (63%)

Magenta (39%)

Yellow (0%)

Black (16%)



Cyan (69%)

Magenta (49%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.9140, 43.9194, -40.2666 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 123.9140, 43.9194, -40.2666 by changing the saturation by 10% instead.

■ 123.9140, 43.9194,
-40.2666

■ 123.9140, 43.9194,
-40.2666

■ 255.0000, 0.0000,
0.0000

■ 95.5820, 44.0831,
-46.1144

■ 177.7530, 38.0828,
-34.8634

■ 65.5590, 45.5734,
-57.4952

■ 202.5720, 25.8470,
-30.3196

■ 49.5670, 40.1465,
-43.4703

■ 227.6790, 13.4693,
-26.9055

■ 34.3900, 35.3037,
-30.1600

■ 246.6280, 4.1274,
-17.2138

■ 19.8000, 30.1716,
-17.3646

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 123.9140, 43.9194,
-40.2666

■ 123.9140, 43.9194,
-40.2666

■ 110.0040, 50.7770,
-46.4845

■ 137.8240, 37.0618,
-34.0486

■ 95.7950, 57.7821,
-53.3172

■ 152.0330, 30.0567,
-27.2159

■ 81.8850, 64.6397,
-59.5351

■ 165.9430, 23.1991,
-20.9980

■ 72.4160, 69.3079,
-63.5088

■ 179.8530, 16.3415,
-14.7801

■ 194.0620, 9.3364,
-7.9474

■ 208.5590, 2.1894,
-2.2442

■ 222.4690, -4.6682,
3.9737

■ 236.3790,
-11.5258, 10.1916

■ 246.1030,
-16.3198, 7.8027

Harmonies

Analogous

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



107.1800, 50.1973, -93.9969



123.9140, 43.9194, -40.2666



133.7100, 30.2160, 15.1633

Triad

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



123.9140, 43.9194, -40.2666



128.8650, -25.0764, 63.2624



98.8630, 0.5605, -86.7029

Complementary

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



123.9140, 43.9194, -40.2666



167.0860, -43.9194, 40.2666

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.



119.2290, -27.7209, -22.1258



123.9140, 43.9194, -40.2666



127.4760, -38.6887, 42.5555

Square

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



123.9140, 43.9194, -40.2666



129.6480, -5.7425, 68.7147



124.6050, -41.2173, 13.5014



105.0530, 19.2009, -92.1315

Rectangle

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



123.9140, 43.9194, -40.2666



134.0140, 19.2201, 42.0837



124.6050, -41.2173, 13.5014



111.4560, -12.0568, -53.0199

Sweetspot

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



123.9140, 43.9194, -40.2666



223.0380, 15.7573, -14.0653



166.4790, -3.6871, -77.5961



107.8770, 9.9206, -8.6621



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.



123.9140, 43.9194, -40.2666



127.1410, 63.0345, -58.0057



97.2770, 57.0514, -5.5049



100.1890, 3.3578, -3.6738



58.2360, 55.5927, -51.0730



14.8810, 13.8627, -13.0506

Inverse Universe

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



124.2930, 2.8136, 77.7960



127.5560, 4.1629, 111.7684



193.7230, -57.0514, 5.5049



99.8590, 0.5625, 6.2627



58.6530, 3.6221, 98.5283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 123.9140, 43.9194, -40.2666 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 123.9140, 43.9194, -40.2666 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 123.9140, 43.9194, -40.2666

Background



This preview shows how black text looks on a background with the YUV color 123.9140, 43.9194, -40.2666.



This preview shows how white text looks on a background with the YUV color 123.9140, 43.9194, -40.2666.

-40.2666.

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

123.9140, 43.9194, -40.2666

Protanopia

127.4920, 40.6764, -26.7415

Deuteranopia

123.6150, 44.0668, -40.8814



Tritanopia

114.6640, 19.3926, -60.2183

Trichromacy



Original Color

123.9140, 43.9194, -40.2666

Protanomaly

126.1000, 41.8557, -31.6597

Deuteranomaly

123.6150, 44.0668, -40.8814

Tritanomaly

118.2980, 27.9541, -52.8813

Monochromacy



Original Color

123.9140, 43.9194, -40.2666

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7390, 15.9047, -14.6801

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.9140, 43.9194, -40.2666 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(78, 130, 213)` looks like.

```
.text, #text, p{  
    color:rgb(78, 130, 213)  
}
```

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(78, 130, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 130, 213) }
```

Border

The CSS property to change the border of an element to YUV 123.9140, 43.9194, -40.2666 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(78, 130, 213) }
```


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

```
.border{ border-color:rgb(78, 130, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 130, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 130, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 130, 213);  
box-shadow:4px 4px 4px 4px rgb(78, 130,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 123.9140, 43.9194, -40.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 130, 213) }
```

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

```
.background{ background-color: rgb(78, 130,  
213) }
```

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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