

Converting Colors

YUV(124.2330, 50.1711,
-38.7923)

Have a look what the booklet for
YUV(124.2330, 50.1711, -38.7923)
contains.

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Color

**YUV(124.2330, 50.1711,
-38.7923)**

Conversions

Conversions Part 1

Format	Color
Hex	507FE2
RGB	80, 127, 226
RGB Percent	31%, 50%, 89%
CMY	0.6863, 0.5020, 0.1137
CMYK	0.65, 0.44, 0.00, 0.11
HSL	221°, 72%, 60%
HSV	221°, 65%, 89%
XYZ	24.6251, 22.3752, 74.9725
YIQ	124.2330, -59.7910, 20.8250

Conversions

Conversions Part 2

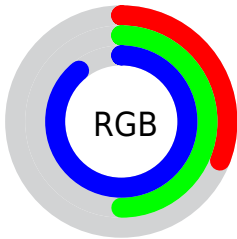
Format	Color
R _Y B	80, 116, 226
Decimal	5275618
CIE Lab	54.42, 15.20, -55.19
CIE LCh	54, 57.245, 285.401
Yxy	22.3752, 0.2019, 0.1834
Android (android.graphics.Color)	4283465698 (0xFF507FE2)
YUV	124.2330, 50.1711, -38.7923
Hunter-Lab	47.3024, 10.1458, -60.8606

Details

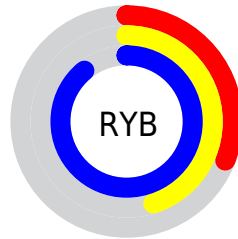
The YUV color **124.2330, 50.1711, -38.7923** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **181.7670, -50.1711, 38.7923**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6010, 38.6507, -30.3451**, and **65.7530, 51.3938, -57.6654** is the 20% darker color. If you saturate the color by 10%, you get **108.5510, 57.9024, -45.2102**, and if you desaturate by 10%, it is **139.9150, 42.4399, -32.3745**.

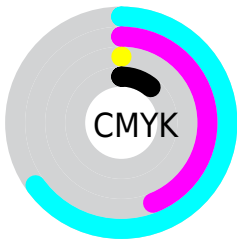
Distribution



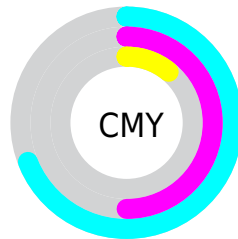
- Red (31%)
- Green (50%)
- Blue (89%)



- Red (31%)
- Yellow (45%)
- Blue (89%)



- Cyan (65%)
- Magenta (44%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (50%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2330, 50.1711, -38.7923 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 124.2330, 50.1711, -38.7923 by changing the saturation by 10% instead.

■ 124.2330, 50.1711,
-38.7923

■ 124.2330, 50.1711,
-38.7923

255.0000, 0.0000,
0.0000

■ 95.3030, 50.6296,
-45.8697

■ 176.6010, 38.6507,
-30.3451

■ 65.7530, 51.3938,
-57.6654

■ 202.0070, 26.1255,
-26.3161

■ 49.7610, 45.9668,
-43.6404

■ 227.4130, 13.6004,
-22.2872

■ 34.4700, 40.6873,
-30.2302

■ 248.1230, 3.3904,
-14.1399

■ 19.7660, 35.1184,
-17.3348

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 124.2330, 50.1711,
-38.7923

■ 124.2330, 50.1711,
-38.7923

■ 108.5510, 57.9024,
-45.2102

■ 139.9150, 42.4399,
-32.3745

■ 92.5810, 65.7756,
-50.4985

■ 155.8850, 34.5667,
-27.0861

■ 76.8990, 73.5068,
-56.9164

■ 171.5670, 26.8355,
-20.6683

■ 68.6150, 77.5908,
-60.1754

■ 186.9500, 19.2517,
-14.8651

■ 203.2190, 11.2310,
-8.9621

■ 218.9010, 3.4998,
-2.5442

■ 234.2840, -4.0840,
3.2589

■ 248.7590,
-11.2202, 5.4734

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



109.7050, 57.3334, -96.2113



124.2330, 50.1711, -38.7923



134.3570, 32.3620, 26.8739

Triad

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



124.2330, 50.1711, -38.7923



126.9600, -32.5183, 70.1951



100.9660, 1.0028, -88.5472

Complementary

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



124.2330, 50.1711, -38.7923



181.7670, -50.1711, 38.7923

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.



113.9130, -28.5511, -35.8807



124.2330, 50.1711, -38.7923



124.9140, -49.7506, 43.9254

Square

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



124.2330, 50.1711, -38.7923



126.6990, -9.7116, 81.8250



121.1670, -50.3683, 8.6235



108.0680, 23.1375, -94.7756

Rectangle

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



124.2330, 50.1711, -38.7923



131.9280, 19.7555, 57.0681



121.1670, -50.3683, 8.6235



98.5550, -5.6966, -86.4327

Sweetspot

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



124.2330, 50.1711, -38.7923



221.2770, 16.6254, -12.5209



176.7600, 0.1183, -84.8585



107.2900, 10.2100, -8.1473



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.



124.2330, 50.1711, -38.7923



116.2540, 68.4018, -52.8428



103.8200, 60.2347, 0.1579



104.6020, 3.6472, -3.1590



53.5230, 60.3812, -46.9397



14.8640, 16.3360, -13.0357

Inverse Universe

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



129.0120, -0.9919, 85.0585



122.7970, -1.3789, 115.9420



202.1800, -60.2347, -0.1579



104.7450, 0.1257, 6.3626



59.1220, -1.0461, 102.5020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 124.2330, 50.1711, -38.7923 looks on a white background.

Color Contrast Check

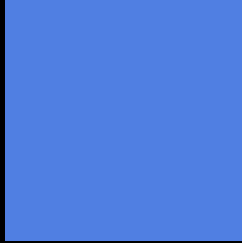
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.2330, 50.1711, -38.7923 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 124.2330, 50.1711, -38.7923

Background



This preview shows how black text looks on a background with the YUV color 124.2330, 50.1711, -38.7923.



This preview shows how white text looks on a background with the YUV color 124.2330, 50.1711, -38.7923.

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

124.2330, 50.1711, -38.7923

Protanopia

125.0270, 49.2867, -35.1037

Deuteranopia

118.0950, 52.7042, -57.9653



Tritanopia

112.5600, 20.4299, -66.2661

Trichromacy



Original Color

124.2330, 50.1711, -38.7923

Protanomaly

124.4290, 49.5815, -36.3332

Deuteranomaly

120.4980, 51.5195, -51.3027

Tritanomaly

116.7860, 31.1645, -55.9403

Monochromacy



Original Color

124.2330, 50.1711, -38.7923

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.0210, 18.2306, -14.0504

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2330, 50.1711, -38.7923 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(80, 127, 226)` looks like.

```
.text, #text, p{  
    color:rgb(80, 127, 226)  
}
```

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(80, 127, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 127, 226) }
```

Border

The CSS property to change the border of an element to YUV 124.2330, 50.1711, -38.7923 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(80, 127, 226) }
```


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

```
.border{ border-color:rgb(80, 127, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 127, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 127, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 127, 226);  
box-shadow:4px 4px 4px 4px rgb(80, 127,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 124.2330, 50.1711, -38.7923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 127, 226) }
```

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

```
.background{ background-color: rgb(80, 127,  
226) }
```

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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