

Converting Colors

YUV(123.5910, 50.4876,
-46.9993)

Have a look what the booklet for
YUV(123.5910, 50.4876, -46.9993)
contains.

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Color

**YUV(123.5910, 50.4876,
-46.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	4683E2
RGB	70, 131, 226
RGB Percent	27%, 51%, 89%
CMY	0.7255, 0.4863, 0.1137
CMYK	0.69, 0.42, 0.00, 0.11
HSL	217°, 73%, 58%
HSV	217°, 69%, 89%
XYZ	24.3696, 23.0257, 75.1115
YIQ	123.5910, -66.8510, 16.6130

Conversions

Conversions Part 2

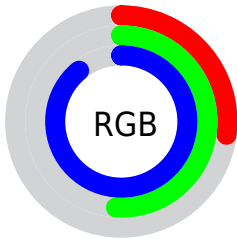
Format	Color
R_{YB}	70, 114, 226
Decimal	4621282
CIE _{Lab}	55.10, 11.18, -54.13
CIE _{LCh}	55, 55.276, 281.672
Yxy	23.0257, 0.1989, 0.1880
Android (android.graphics.Color)	4282811362 (0xFF4683E2)
YUV	123.5910, 50.4876, -46.9993
Hunter-Lab	47.9851, 6.6786, -59.2176

Details

The YUV color **123.5910, 50.4876, -46.9993** 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 **172.4090, -50.4876, 46.9993**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.1440, 38.3830, -37.8373**, and **67.5140, 50.5256, -59.2098** is the 20% darker color. If you saturate the color by 10%, you get **108.4960, 57.9295, -53.9320**, and if you desaturate by 10%, it is **138.6860, 43.0458, -40.0666**.

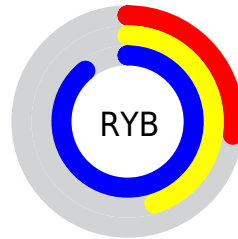
Distribution



Red (27%)

Green (51%)

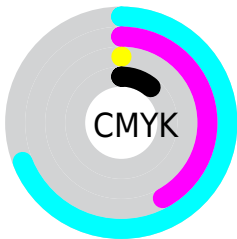
Blue (89%)



Red (27%)

Yellow (45%)

Blue (89%)

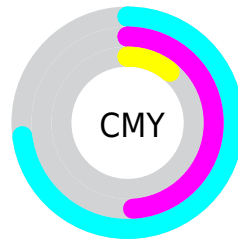


Cyan (69%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5910, 50.4876, -46.9993 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 123.5910, 50.4876, -46.9993 by changing the saturation by 10% instead.

■ 123.5910, 50.4876,
-46.9993

■ 123.5910, 50.4876,
-46.9993

255.0000, 0.0000,
0.0000

■ 92.2690, 52.1254,
-58.9949

■ 177.1440, 38.3830,
-37.8373

■ 67.5140, 50.5256,
-59.2098

■ 201.9630, 26.1472,
-33.2936

■ 51.5220, 45.0987,
-45.1848

■ 227.6680, 13.4747,
-28.6498

■ 36.2310, 39.8191,
-31.7746

■ 246.0300, 4.4222,
-18.4433

■ 22.2280, 34.3976,
-19.4940

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 123.5910, 50.4876,
-46.9993

■ 123.5910, 50.4876,
-46.9993

■ 108.4960, 57.9295,
-53.9320

■ 138.6860, 43.0458,
-40.0666

■ 93.7000, 65.2239,
-60.2499

■ 153.4820, 35.7514,
-33.7487

■ 79.1920, 72.3763,
-67.6974

■ 167.9900, 28.5989,
-26.3012

■ 77.4200, 73.2499,
-67.8973

■ 182.7860, 21.3045,
-19.9833

■ 197.8810, 13.8627,
-13.0506

■ 212.9760, 6.4208,
-6.1180

■ 227.1850, -0.5842,
0.7148

■ 242.2800, -8.0260,
7.6474

■ 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.



110.5370, 55.4443, -96.9409



123.5910, 50.4876, -46.9993



135.6550, 33.6941, 19.5966

Triad

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



123.5910, 50.4876, -46.9993



128.5840, -28.8819, 70.5248



101.2110, -0.5970, -88.7620

Complementary

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



123.5910, 50.4876, -46.9993



172.4090, -50.4876, 46.9993

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.



118.2730, -31.1936, -28.3034



123.5910, 50.4876, -46.9993



127.9620, -45.8303, 46.5143

Square

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



123.5910, 50.4876, -46.9993



129.6600, -7.2274, 78.3512



123.7700, -48.2006, 13.3567



108.0850, 20.6641, -94.7905

Rectangle

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



123.5910, 50.4876, -46.9993



134.6390, 21.3770, 50.3056



123.7700, -48.2006, 13.3567



104.4920, -10.1026, -73.2225

Sweetspot

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



123.5910, 50.4876, -46.9993



219.4830, 17.5099, -16.2096



172.2880, -4.0860, -89.7066



106.6920, 10.5048, -9.3769



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.



123.5910, 50.4876, -46.9993



115.8890, 68.5817, -63.9237



92.5680, 65.7820, -5.7601



104.6020, 3.6472, -3.1590



60.5670, 56.9085, -53.1173



16.6250, 15.4679, -14.5801

Inverse Universe

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



123.5980, 3.6492, 89.8066



115.8500, 5.0040, 122.0346



203.4320, -65.7820, 5.7601



104.7450, 0.1257, 6.3626



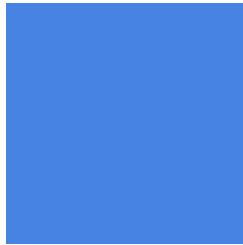
60.4900, 4.1954, 101.3023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 123.5910, 50.4876, -46.9993 looks on a white background.

Color Contrast Check

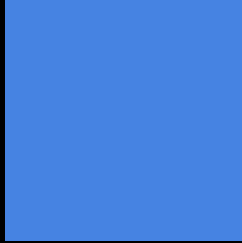
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.5910, 50.4876, -46.9993 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 123.5910, 50.4876, -46.9993

Background



This preview shows how black text looks on a background with the YUV color 123.5910, 50.4876, -46.9993.



This preview shows how white text looks on a background with the YUV color 123.5910, 50.4876, -46.9993.

-46.9993.

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

123.5910, 50.4876, -46.9993

Protanopia

127.4680, 47.0973, -32.8594

Deuteranopia

121.4760, 51.5303, -54.7915



Tritanopia

103.6000, 26.3262, -90.8572

Trichromacy



Original Color

123.5910, 50.4876, -46.9993

Protanomaly

126.0760, 48.2765, -37.7777

Deuteranomaly

122.0850, 51.2301, -51.8175

Tritanomaly

110.9900, 35.0079, -75.4132

Monochromacy



Original Color

123.5910, 50.4876, -46.9993

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9990, 18.2415, -17.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5910, 50.4876, -46.9993 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(70, 131, 226)` looks like.

```
.text, #text, p{  
    color:rgb(70, 131, 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(70, 131, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 131, 226) }
```

Border

The CSS property to change the border of an element to YUV 123.5910, 50.4876, -46.9993 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(70, 131, 226) }
```


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

```
.border{ border-color:rgb(70, 131, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 131, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 131, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 131, 226);  
box-shadow:4px 4px 4px 4px rgb(70, 131,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 123.5910, 50.4876, -46.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 131, 226) }
```

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

```
.background{ background-color: rgb(70, 131,  
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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