

Converting Colors

YUV(125.4680, 43.6463,
-46.0144)

Have a look what the booklet for
YUV(125.4680, 43.6463, -46.0144)
contains.

YUV(125.4680, 43.6463, -46.0144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(125.4680, 43.6463,
-46.0144)**

Conversions

Conversions Part 1

Format	Color
Hex	4987D6
RGB	73, 135, 214
RGB Percent	29%, 53%, 84%
CMY	0.7137, 0.4706, 0.1608
CMYK	0.66, 0.37, 0.00, 0.16
HSL	214°, 63%, 56%
HSV	214°, 66%, 84%
XYZ	23.5492, 23.5995, 66.9323
YIQ	125.4680, -62.3110, 11.4250

Conversions

Conversions Part 2

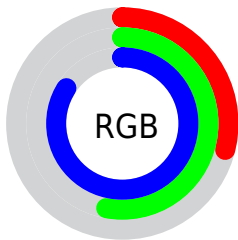
Format	Color
R _Y B	73, 116, 214
Decimal	4818902
CIE Lab	55.68, 5.05, -46.46
CIE LCh	56, 46.735, 276.208
Yxy	23.5995, 0.2064, 0.2069
Android (android.graphics.Color)	4283008982 (0xFF4987D6)
YUV	125.4680, 43.6463, -46.0144
Hunter-Lab	48.5793, 1.5157, -47.6840

Details

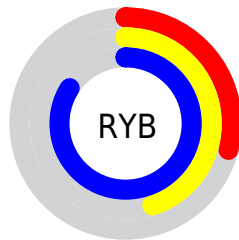
The YUV color **125.4680, 43.6463, -46.0144** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **161.5320, -43.6463, 46.0144**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.4920, 37.2254, -39.8965**, and **68.6080, 44.5633, -60.1692** is the 20% darker color. If you saturate the color by 10%, you get **112.1450, 50.2145, -52.7472**, and if you desaturate by 10%, it is **138.7910, 37.0780, -39.2817**.

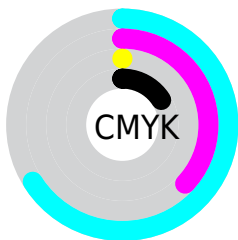
Distribution



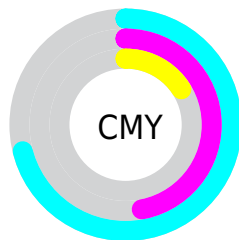
- Red (29%)
- Green (53%)
- Blue (84%)



- Red (29%)
- Yellow (45%)
- Blue (84%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (16%)



- Cyan (71%)
- Magenta (47%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.4680, 43.6463, -46.0144 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 125.4680, 43.6463, -46.0144 by changing the saturation by 10% instead.

■ 125.4680, 43.6463,
-46.0144

■ 125.4680, 43.6463,
-46.0144

255.0000, 0.0000,
0.0000

■ 96.2390, 44.2522,
-53.7066

■ 179.4920, 37.2254,
-39.8965

■ 68.6080, 44.5633,
-60.1692

■ 204.3110, 24.9897,
-35.3527

■ 52.0290, 39.4257,
-45.6294

■ 230.3040, 12.1751,
-31.8386

■ 36.8520, 34.5830,
-32.3192

■ 245.7310, 4.5696,
-19.0581

■ 22.2620, 29.4508,
-19.5238

254.7010, 0.1474,
-0.6148

■ 9.5470, 23.8873,
-8.3727

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 125.4680, 43.6463,
-46.0144

■ 125.4680, 43.6463,
-46.0144

■ 112.1450, 50.2145,
-52.7472

■ 138.7910, 37.0780,
-39.2817

■ 98.5230, 56.9302,
-60.0947

■ 152.4130, 30.3624,
-31.9342

■ 85.2000, 63.4984,
-66.8274

■ 165.7360, 23.7942,
-25.2015

■ 79.5740, 66.2720,
-69.7864

■ 179.3580, 17.0785,
-17.8540

■ 192.6810, 10.5103,
-11.1212

■ 206.0040, 3.9420,
-4.3885

■ 219.6260, -2.7736,
2.9590

■ 232.9490, -9.3419,
9.6917

■ 243.2820,
-14.4360, 10.2767

Harmonies

Analogous

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



109.3000, 48.1661, -95.8561



125.4680, 43.6463, -46.0144



136.4920, 30.8164, 9.2155

Triad

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



125.4680, 43.6463, -46.0144



132.6630, -22.0189, 62.5625



112.7800, -6.7935, -61.1971

Complementary

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



125.4680, 43.6463, -46.0144



161.5320, -43.6463, 46.0144

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.



124.2190, -29.1950, -15.9781



125.4680, 43.6463, -46.0144



130.8830, -35.9313, 44.8296

Square

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



125.4680, 43.6463, -46.0144



134.1960, -3.5476, 64.7261



128.3820, -39.6283, 17.2050



106.4720, 17.0223, -93.3759

Rectangle

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



125.4680, 43.6463, -46.0144



137.6110, 20.4048, 35.4212



128.3820, -39.6283, 17.2050



117.8980, -15.7257, -42.8835

Sweetspot

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



125.4680, 43.6463, -46.0144



222.7280, 15.9101, -16.4245



164.6590, -6.7339, -80.3849



108.1650, 9.7787, -9.7917



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.



125.4680, 43.6463, -46.0144



128.5700, 62.3300, -65.3979



91.1670, 60.5567, -9.7935



100.1890, 3.3578, -3.6738



63.5190, 52.9881, -55.7062



16.0550, 13.2839, -14.0802

Inverse Universe

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



122.2270, 6.2971, 80.4849



124.1310, 8.8094, 114.7721



195.8330, -60.5567, 9.7935



99.8590, 0.5625, 6.2627



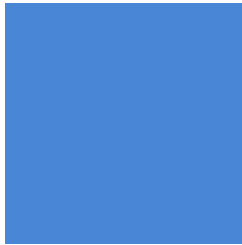
59.6790, 7.5533, 97.6285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 125.4680, 43.6463, -46.0144 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 125.4680, 43.6463, -46.0144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

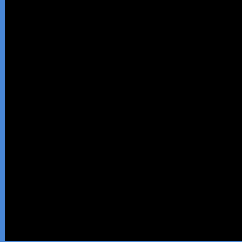
Any Text WCAG AA ✓ Pass

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 125.4680, 43.6463, -46.0144 Background



This preview shows how black text looks on a background with the YUV color 125.4680, 43.6463, -46.0144.

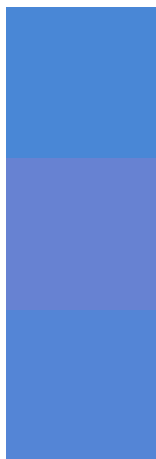


This preview shows how white text looks on a background with the YUV color 125.4680, 43.6463, -46.0144.

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

125.4680, 43.6463, -46.0144

Protanopia

131.0470, 38.9238, -24.5972

Deuteranopia

127.5830, 42.6036, -38.2223



Tritanopia

115.3750, 21.0141, -66.9809

Trichromacy



Original Color

125.4680, 43.6463, -46.0144

Protanomaly

129.0460, 40.4033, -32.4893

Deuteranomaly

126.9740, 42.9038, -41.1962

Tritanomaly

118.8950, 29.1388, -59.5439

Monochromacy



Original Color

125.4680, 43.6463, -46.0144

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.3150, 15.6207, -16.9393

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.4680, 43.6463, -46.0144 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(73, 135, 214)` looks like.

```
.text, #text, p{  
    color:rgb(73, 135, 214)  
}
```

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(73, 135, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 135, 214) }
```

Border

The CSS property to change the border of an element to YUV 125.4680, 43.6463, -46.0144 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(73, 135, 214) }
```


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

```
.border{ border-color:rgb(73, 135, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 135, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 135, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 135, 214);  
box-shadow:4px 4px 4px 4px rgb(73, 135,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 125.4680, 43.6463, -46.0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 135, 214) }
```

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

```
.background{ background-color: rgb(73, 135,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor