

Converting Colors

YUV(125.1900, 18.6403,
-5.4286)

Have a look what the booklet for
YUV(125.1900, 18.6403, -5.4286)
contains.

YUV(125.1900, 18.6403, -5.4286)	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(125.1900, 18.6403,
-5.4286)**

Conversions

Conversions Part 1

Format	Color
Hex	7779A3
RGB	119, 121, 163
RGB Percent	47%, 47%, 64%
CMY	0.5333, 0.5255, 0.3608
CMYK	0.27, 0.26, 0.00, 0.36
HSL	237°, 19%, 55%
HSV	237°, 27%, 64%
XYZ	21.0560, 20.2410, 37.4475
YIQ	125.1900, -14.6740, 12.6380

Conversions

Conversions Part 2

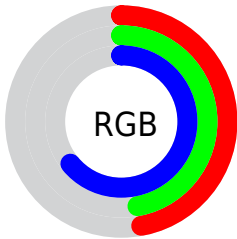
Format	Color
R_{YB}	119, 121, 163
Decimal	7829923
CIE _{Lab}	52.11, 8.97, -22.70
CIE _{LCh}	52, 24.404, 291.560
Yxy	20.2410, 0.2674, 0.2570
Android (android.graphics.Color)	4286020003 (0xFF7779A3)
YUV	125.1900, 18.6403, -5.4286
Hunter-Lab	44.9900, 4.8080, -17.8570

Details

The YUV color **125.1900, 18.6403, -5.4286** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **156.8100, -18.6403, 5.4286**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.8310, 19.8033, -5.1138**, and **76.1360, 17.1880, -6.2583** is the 20% darker color. If you saturate the color by 10%, you get **111.0140, 25.6291, -7.0283**, and if you desaturate by 10%, it is **139.3660, 11.6516, -3.8290**.

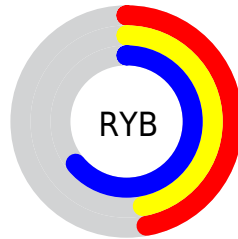
Distribution



Red (47%)

Green (47%)

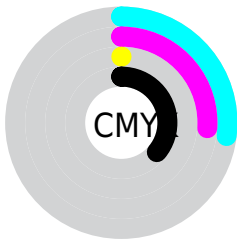
Blue (64%)



Red (47%)

Yellow (47%)

Blue (64%)

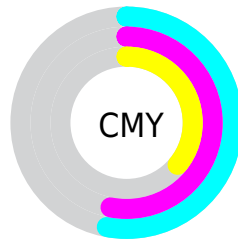


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.1900, 18.6403, -5.4286 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 125.1900, 18.6403, -5.4286 by changing the saturation by 10% instead.

■ 125.1900, 18.6403,
-5.4286

■ 125.1900, 18.6403,
-5.4286

255.0000, 0.0000,
0.0000

■ 100.0760, 18.2035,
-5.3287

■ 177.8310, 19.8033,
-5.1138

■ 76.1360, 17.1880,
-6.2583

■ 205.9450, 20.2401,
-5.2138

■ 52.7230, 16.8986,
-6.7731

■ 231.6650, 11.5042,
-3.2142

■ 30.7830, 15.8830,
-7.7027

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 125.1900, 18.6403,
-5.4286

■ 125.1900, 18.6403,
-5.4286

■ 111.0140, 25.6291,
-7.0283

■ 139.3660, 11.6516,
-3.8290

■ 97.1260, 32.4759,
-9.7575

■ 153.2540, 4.8048,
-1.0998

■ 82.9500, 39.4647,
-11.3571

■ 167.4300, -2.1840,
0.4999

■ 69.3610, 46.1640,
-13.4716

■ 181.0190, -8.8834,
2.6143

■ 55.1850, 53.1528,
-15.0712

■ 195.4940,
-16.0195, 4.8288

■ 41.2970, 59.9996,
-17.8005

■ 209.0830,
-22.7189, 6.9432

■ 27.1210, 66.9883,
-19.4001

■ 223.2590,
-29.7077, 8.5429

■ 22.6910, 69.1723,
-19.9000

■ 236.8480,
-36.4071, 10.6573

■ 244.5120,
-40.1854, 9.1980

Harmonies

Analogous

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



120.2580, 22.0578, -28.2903



125.1900, 18.6403, -5.4286



127.3730, 11.1551, 15.4589

Triad

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



125.1900, 18.6403, -5.4286



125.2460, -16.3903, 30.4793



115.0080, 0.9821, -35.0870

Complementary

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



125.1900, 18.6403, -5.4286



156.8100, -18.6403, 5.4286

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.



118.8440, -10.2761, -17.4032



125.1900, 18.6403, -5.4286



123.5450, -19.9887, 17.9390

Square

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



125.1900, 18.6403, -5.4286



126.1570, -7.9654, 34.9423



121.6030, -18.0453, 1.2252



112.7210, 12.9555, -48.8673

Rectangle

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



125.1900, 18.6403, -5.4286



127.2450, 5.3022, 26.0951



121.6030, -18.0453, 1.2252



116.6020, -3.2548, -29.4690

Sweetspot

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



125.1900, 18.6403, -5.4286



196.9380, 7.4256, -1.6996



149.6160, 5.6123, -26.8502



97.8410, 4.5154, -1.6146



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.



125.1900, 18.6403, -5.4286



153.5130, 28.8341, -8.3429



129.9960, 16.2710, 7.8965



74.6130, 3.6418, -1.4146



20.6390, 61.3100, -18.1004



2.6390, 7.5730, -2.3144

Inverse Universe

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



132.3840, -5.6123, 26.8502



164.6740, -8.7133, 41.5049



152.0040, -16.2710, -7.8965



75.8050, -0.8899, 5.4330



44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 125.1900, 18.6403, -5.4286 looks on a white background.

Color Contrast Check

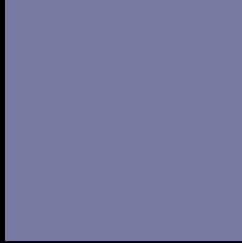
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.1900, 18.6403, -5.4286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

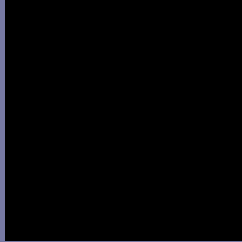
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.1900, 18.6403, -5.4286

Background



This preview shows how black text looks on a background with the YUV color 125.1900, 18.6403, -5.4286.



This preview shows how white text looks on a background with the YUV color 125.1900, 18.6403, -5.4286.

-5.4286.

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

125.1900, 18.6403, -5.4286

Protanopia

124.6840, 19.3828, -10.2469

Deuteranopia

124.5810, 18.9406, -8.4025



Tritanopia

123.5520, 6.1369, -8.3771

Trichromacy



Original Color

125.1900, 18.6403, -5.4286

Protanomaly

124.6950, 19.3774, -8.5025

Deuteranomaly

124.8800, 18.7932, -7.7878

Tritanomaly

124.1160, 10.7888, -7.1177

Monochromacy



Original Color

125.1900, 18.6403, -5.4286

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.4110, 6.6994, -2.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.1900, 18.6403, -5.4286 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(119, 121, 163)` looks like.

```
.text, #text, p{  
    color:rgb(119, 121, 163)  
}
```

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(119, 121, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 121, 163) }
```

Border

The CSS property to change the border of an element to YUV 125.1900, 18.6403, -5.4286 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(119, 121, 163) }
```


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

```
.border{ border-color:rgb(119, 121, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 121, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 121, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 121, 163);  
box-shadow:4px 4px 4px 4px rgb(119, 121,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 125.1900, 18.6403, -5.4286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 121, 163) }
```

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

```
.background{ background-color: rgb(119,  
121, 163) }
```

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