

Converting Colors

YUV(125.7910, 37.0780,
-39.2817)

Have a look what the booklet for
YUV(125.7910, 37.0780, -39.2817)
contains.

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Color

**YUV(125.7910, 37.0780,
-39.2817)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5186C9 |
| RGB | 81, 134, 201 |
| RGB Percent | 32%, 53%, 79% |
| CMY | 0.6824, 0.4745, 0.2118 |
| CMYK | 0.60, 0.33, 0.00, 0.21 |
| HSL | 214°, 53%, 55% |
| HSV | 214°, 60%, 79% |
| XYZ | 22.4611, 23.0166, 58.5172 |
| YIQ | 125.7910, -53.0950, 9.6010 |

Conversions

Conversions Part 2

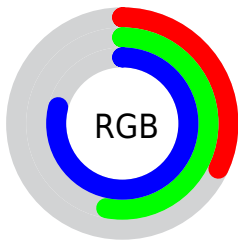
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 81, 118, 201 |
| Decimal | 5342921 |
| CIE Lab | 55.09, 2.70, -40.04 |
| CIE LCh | 55, 40.130, 273.865 |
| Yxy | 23.0166, 0.2160, 0.2213 |
| Android (android.graphics.Color) | 4283533001 (0xFF5186C9) |
| YUV | 125.7910, 37.0780, -39.2817 |
| Hunter-Lab | 47.9756, -0.3877, -38.7347 |

Details

The YUV color $125.7910, 37.0780, -39.2817$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $156.2090, -37.0780, 39.2817$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.4000, 36.7778, -36.3078$, and $66.6530, 39.6111, -58.4547$ is the 20% darker color. If you saturate the color by 10%, you get $113.3540, 43.2095, -45.9145$, and if you desaturate by 10%, it is $138.2280, 30.9466, -32.6490$.

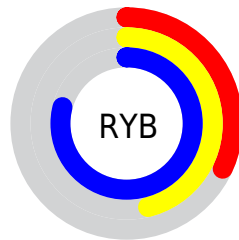
Distribution



Red (32%)

Green (53%)

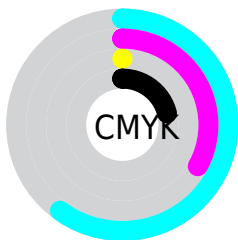
Blue (79%)



Red (32%)

Yellow (46%)

Blue (79%)

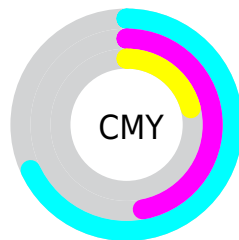


Cyan (60%)

Magenta (33%)

Yellow (0%)

Black (21%)



Cyan (68%)

Magenta (47%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.7910, 37.0780, -39.2817 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 125.7910, 37.0780, -39.2817 by changing the saturation by 10% instead.

■ 125.7910, 37.0780,
-39.2817

■ 125.7910, 37.0780,
-39.2817

255.0000, 0.0000,
0.0000

■ 98.3560, 36.7995,
-43.2852

■ 180.4000, 36.7778,
-36.3078

■ 66.6530, 39.6111,
-58.4547

■ 205.5070, 24.4000,
-32.8936

■ 50.1880, 34.9103,
-44.0149

■ 230.6140, 12.0223,
-29.4795

■ 34.8970, 29.6308,
-30.6047

■ 246.6280, 4.1274,
-17.2138

■ 20.4210, 24.9354,
-17.9092

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 125.7910, 37.0780,
-39.2817

■ 125.7910, 37.0780,
-39.2817

■ 113.3540, 43.2095,
-45.9145

■ 138.2280, 30.9466,
-32.6490

■ 100.9170, 49.3409,
-52.5472

■ 150.6650, 24.8152,
-26.0162

■ 87.8930, 55.7618,
-58.6652

■ 163.6890, 18.3943,
-19.8983

■ 75.4560, 61.8932,
-65.2979

■ 176.1260, 12.2629,
-13.2655

■ 75.1570, 62.0406,
-65.9127

■ 188.8620, 5.9840,
-6.0180

■ 201.2990, -0.1474,
0.6148

■ 214.3230, -6.5682,
6.7327

■ 226.7600,
-12.6997, 13.3655

■ 237.1040,
-17.7993, 15.6948

Harmonies

Analogous

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



106.6440, 43.0665, -93.5268



125.7910, 37.0780, -39.2817



134.8460, 27.1909, 5.3971

Triad

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



125.7910, 37.0780, -39.2817



132.5310, -18.5028, 54.7853



117.4230, -8.5895, -45.0980

Complementary

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



125.7910, 37.0780, -39.2817



156.2090, -37.0780, 39.2817

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.



124.4630, -25.8643, -10.9301



125.7910, 37.0780, -39.2817



130.7560, -29.9527, 40.5560

Square

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



125.7910, 37.0780, -39.2817



133.7710, -2.3521, 54.5748



128.2880, -33.6660, 18.1644



103.4400, 15.5591, -90.7169

Rectangle

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



125.7910, 37.0780, -39.2817



135.6980, 18.3899, 28.3289



128.2880, -33.6660, 18.1644



120.6650, -15.6108, -33.0322

Sweetspot

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



125.7910, 37.0780, -39.2817



225.9840, 14.3049, -14.8950



158.9640, -5.8983, -68.3744



109.9370, 8.9051, -9.5917



0.0000, 0.0000, 0.0000



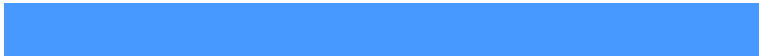
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.7910, 37.0780, -39.2817



139.5230, 56.9302, -60.0947



96.4740, 51.5313, -8.3087



93.3740, 2.7736, -2.9590



60.8460, 50.3619, -53.3619



13.4960, 11.0945, -11.8360

Inverse Universe

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



122.9220, 5.4615, 68.4744



135.2500, 8.2577, 105.0208



185.5260, -51.5313, 8.3087



93.1470, 0.4205, 5.1331



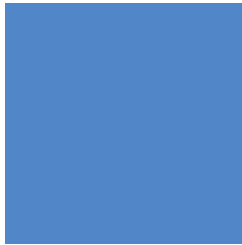
56.9450, 7.4221, 93.0102



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 125.7910, 37.0780, -39.2817 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 125.7910, 37.0780, -39.2817 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 125.7910, 37.0780, -39.2817 Background



This preview shows how black text looks on a background with the YUV color 125.7910, 37.0780, -39.2817.

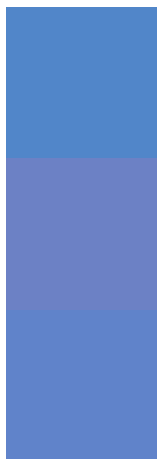


This preview shows how white text looks on a background with the YUV color 125.7910, 37.0780, -39.2817.

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

125.7910, 37.0780, -39.2817

Protanopia

130.4730, 32.7978, -19.7088

Deuteranopia

128.6290, 36.1719, -28.6156



Tritanopia

119.8500, 17.3290, -51.6114

Trichromacy



Original Color

125.7910, 37.0780, -39.2817

Protanomaly

128.7710, 34.1299, -26.9862

Deuteranomaly

127.7210, 36.6195, -32.2043

Tritanomaly

122.1200, 24.5908, -47.4632

Monochromacy



Original Color

125.7910, 37.0780, -39.2817

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0550, 13.2839, -14.0802

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7910, 37.0780, -39.2817 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(81, 134, 201)` looks like.

```
.text, #text, p{  
    color:rgb(81, 134, 201)  
}
```

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(81, 134, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 134, 201) }
```

Border

The CSS property to change the border of an element to YUV 125.7910, 37.0780, -39.2817 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(81, 134, 201) }
```


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

```
.border{ border-color:rgb(81, 134, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 134, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 134, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 134, 201);  
box-shadow:4px 4px 4px 4px rgb(81, 134,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 125.7910, 37.0780, -39.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 134, 201) }
```

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

```
.background{ background-color: rgb(81, 134,  
201) }
```

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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