

Converting Colors

YUV(123.7970, 38.0611,
-27.8860)

Have a look what the booklet for
YUV(123.7970, 38.0611, -27.8860)
contains.

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Color

**YUV(123.7970, 38.0611,
-27.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7DC9
RGB	92, 125, 201
RGB Percent	36%, 49%, 79%
CMY	0.6392, 0.5098, 0.2118
CMYK	0.54, 0.38, 0.00, 0.21
HSL	222°, 50%, 57%
HSV	222°, 54%, 79%
XYZ	22.2899, 21.1596, 58.1677
YIQ	123.7970, -44.0640, 16.6400

Conversions

Conversions Part 2

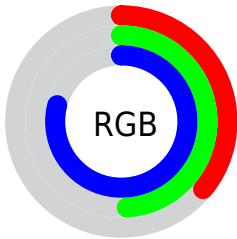
Format	Color
R_{YB}	92, 117, 201
Decimal	6061513
CIE _{Lab}	53.12, 10.39, -43.10
CIE _{LCh}	53, 44.338, 283.553
Yxy	21.1596, 0.2194, 0.2082
Android (android.graphics.Color)	4284251593 (0xFF5C7DC9)
YUV	123.7970, 38.0611, -27.8860
Hunter-Lab	45.9996, 5.9960, -42.7742

Details

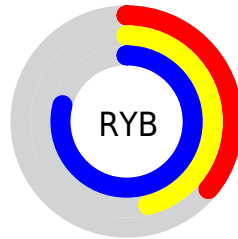
The YUV color **123.7970, 38.0611, -27.8860** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **169.2030, -38.0611, 27.8860**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5200, 38.1976, -25.0120**, and **70.2150, 37.3620, -37.0226** is the 20% darker color. If you saturate the color by 10%, you get **109.5990, 45.0607, -32.9743**, and if you desaturate by 10%, it is **137.9950, 31.0615, -22.7976**.

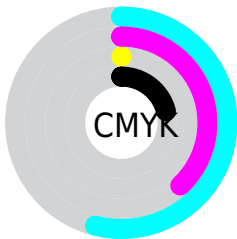
Distribution



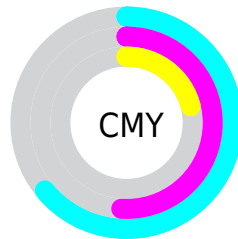
- Red (36%)
- Green (49%)
- Blue (79%)



- Red (36%)
- Yellow (46%)
- Blue (79%)



- Cyan (54%)
- Magenta (38%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.7970, 38.0611, -27.8860 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 123.7970, 38.0611, -27.8860 by changing the saturation by 10% instead.

■ 123.7970, 38.0611,
-27.8860

■ 123.7970, 38.0611,
-27.8860

■ 255.0000, 0.0000,
0.0000

■ 97.2590, 37.3403,
-30.0451

■ 177.5200, 38.1976,
-25.0120

■ 70.2150, 37.3620,
-37.0226

■ 202.3280, 25.9673,
-22.2127

■ 45.3780, 36.7886,
-39.7965

■ 227.4350, 13.5895,
-18.7985

■ 30.7880, 31.6565,
-27.0011

■ 249.3190, 2.8007,
-11.6808

■ 14.5510, 27.8294,
-12.7612

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 123.7970, 38.0611,
-27.8860

■ 123.7970, 38.0611,
-27.8860

■ 109.5990, 45.0607,
-32.9743

■ 137.9950, 31.0615,
-22.7976

■ 95.4010, 52.0603,
-38.0627

■ 152.1930, 24.0619,
-17.7093

■ 81.2030, 59.0599,
-43.1510

■ 166.3910, 17.0622,
-12.6209

■ 67.0050, 66.0595,
-48.2394

■ 180.5890, 10.0626,
-7.5326

■ 58.7210, 70.1435,
-51.4983

■ 195.0860, 2.9156,
-1.8294

■ 209.2840, -4.0840,
3.2589

■ 223.4820,
-11.0836, 8.3473

■ 237.6800,
-18.0832, 13.4356

■ 246.4960,
-22.4295, 7.4580

Harmonies

Analogous

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



103.2190, 47.7130, -90.5231



123.7970, 38.0611, -27.8860



130.7660, 25.2584, 18.6222

Triad

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



123.7970, 38.0611, -27.8860



125.9350, -24.6180, 56.1850



99.3740, 2.2806, -78.3810

Complementary

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



123.7970, 38.0611, -27.8860



169.2030, -38.0611, 27.8860

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.



116.3690, -23.3529, -23.1256



123.7970, 38.0611, -27.8860



124.2410, -35.6148, 36.6226

Square

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



123.7970, 38.0611, -27.8860



127.0340, -7.9048, 62.2372



121.3640, -35.6755, 9.3278



102.0040, 20.2110, -89.4575

Rectangle

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



123.7970, 38.0611, -27.8860



130.0910, 15.7311, 41.1392



121.3640, -35.6755, 9.3278



109.2650, -9.0046, -51.9754

Sweetspot

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



123.7970, 38.0611, -27.8860



226.3050, 14.1466, -10.7915



164.4190, 0.7794, -63.5115



110.5460, 8.6048, -6.6178



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.



123.7970, 38.0611, -27.8860



137.2740, 58.0389, -42.3363



110.4060, 44.6628, 1.3979



92.7870, 3.0630, -2.4442



47.3450, 57.0179, -41.5216



10.5610, 12.5414, -9.2620

Inverse Universe

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



128.3530, -1.6530, 63.7114



144.3340, -2.6297, 97.0541



182.5940, -44.6628, -1.3979



93.0330, -0.0163, 5.2331



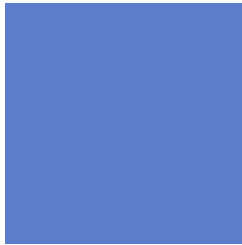
54.3230, -2.6242, 95.3097



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 123.7970, 38.0611, -27.8860 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 123.7970, 38.0611, -27.8860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

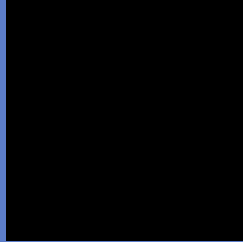
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7970, 38.0611, -27.8860

Background



This preview shows how black text looks on a background with the YUV color 123.7970, 38.0611, -27.8860.



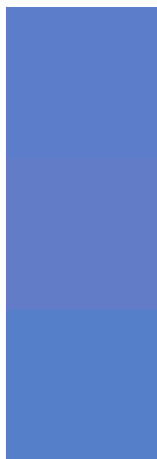
This preview shows how white text looks on a background with the YUV color 123.7970, 38.0611, -27.8860.

-27.8860.

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

123.7970, 38.0611, -27.8860

Protanopia

124.8900, 37.0292, -23.5825

Deuteranopia

122.8780, 38.5141, -33.2190



Tritanopia

118.4170, 14.0914, -39.8307

Trichromacy



Original Color

123.7970, 38.0611, -27.8860

Protanomaly

124.2920, 37.3240, -24.8121

Deuteranomaly

123.1880, 38.3613, -30.8599

Tritanomaly

120.4420, 22.9531, -35.4676

Monochromacy



Original Color

123.7970, 38.0611, -27.8860

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6040, 13.9992, -10.1767

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7970, 38.0611, -27.8860 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(92, 125, 201)` looks like.

```
.text, #text, p{  
    color:rgb(92, 125, 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(92, 125, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 125, 201) }
```

Border

The CSS property to change the border of an element to YUV 123.7970, 38.0611, -27.8860 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(92, 125, 201) }
```


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

```
.border{ border-color:rgb(92, 125, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 125, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 125, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 125, 201);  
box-shadow:4px 4px 4px 4px rgb(92, 125,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 123.7970, 38.0611, -27.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 125, 201) }
```

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

```
.background{ background-color: rgb(92, 125,  
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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