

Converting Colors

YUV(123.5880, 48.5171,
-21.5637)

Have a look what the booklet for
YUV(123.5880, 48.5171, -21.5637)
contains.

YUV(123.5880, 48.5171, -21.5637)	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(123.5880, 48.5171,
-21.5637)**

Conversions

Conversions Part 1

Format	Color
Hex	6375DE
RGB	99, 117, 222
RGB Percent	39%, 46%, 87%
CMY	0.6118, 0.5412, 0.1294
CMYK	0.55, 0.47, 0.00, 0.13
HSL	231°, 65%, 63%
HSV	231°, 55%, 87%
XYZ	24.6917, 20.6492, 71.7915
YIQ	123.5880, -44.4330, 28.8390

Conversions

Conversions Part 2

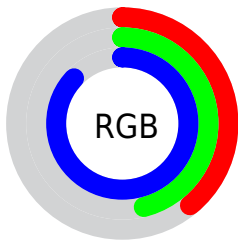
Format	Color
R _Y B	99, 115, 222
Decimal	6518238
CIE Lab	52.56, 23.51, -55.86
CIE LCh	53, 60.605, 292.820
Yxy	20.6492, 0.2108, 0.1763
Android (android.graphics.Color)	4284708318 (0xFF6375DE)
YUV	123.5880, 48.5171, -21.5637
Hunter-Lab	45.4413, 17.4701, -61.8617

Details

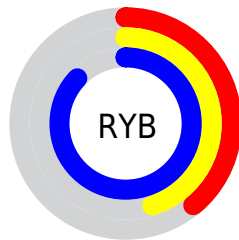
The YUV color **123.5880, 48.5171, -21.5637** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **197.4120, -48.5171, 21.5637**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5150, 39.1861, -15.3607**, and **68.6960, 47.9709, -33.0594** is the 20% darker color. If you saturate the color by 10%, you get **105.8570, 57.2585, -25.3076**, and if you desaturate by 10%, it is **141.3190, 39.7757, -17.8198**.

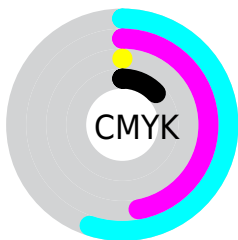
Distribution



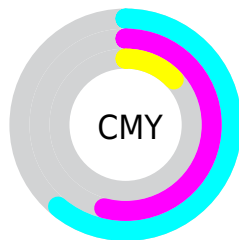
- Red (39%)
- Green (46%)
- Blue (87%)



- Red (39%)
- Yellow (45%)
- Blue (87%)



- Cyan (55%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (54%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5880, 48.5171, -21.5637 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 123.5880, 48.5171, -21.5637 by changing the saturation by 10% instead.

■ 123.5880, 48.5171,
-21.5637

■ 123.5880, 48.5171,
-21.5637

■ 255.0000, 0.0000,
0.0000

■ 97.0390, 47.8018,
-25.4672

■ 175.5150, 39.1861,
-15.3607

■ 68.6960, 47.9709,
-33.0594

■ 200.0350, 27.0977,
-11.4317

■ 43.4350, 47.1135,
-38.0925

■ 225.4410, 14.5726,
-7.4028

■ 29.3180, 41.2552,
-25.7119

■ 250.8470, 2.0474,
-3.3738

■ 11.7930, 37.5701,
-10.3425

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 123.5880, 48.5171,
-21.5637

■ 123.5880, 48.5171,
-21.5637

■ 105.8570, 57.2585,
-25.3076

■ 141.3190, 39.7757,
-17.8198

■ 88.1260, 65.9999,
-29.0515

■ 159.0500, 31.0344,
-14.0758

■ 70.0960, 74.8887,
-33.4102

■ 177.0800, 22.1456,
-9.7172

■ 52.3650, 83.6301,
-37.1541

■ 194.8110, 13.4042,
-5.9732

■ 44.0920, 87.7086,
-38.6687

■ 212.5420, 4.6628,
-2.2293

■ 230.2730, -4.0786,
1.5146

■ 248.0040,
-12.8200, 5.2585

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



105.3510, 60.9590, -92.3928



123.5880, 48.5171, -21.5637



128.7610, 29.6978, 41.4286

Triad

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



123.5880, 48.5171, -21.5637



120.8150, -39.3488, 67.6912



100.1170, 5.3653, -87.8026

Complementary

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



123.5880, 48.5171, -21.5637



197.4120, -48.5171, 21.5637

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.



102.2030, -21.7921, -57.1830



123.5880, 48.5171, -21.5637



117.9920, -58.1701, 37.7180

Square

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



123.5880, 48.5171, -21.5637



119.5270, -15.5428, 85.4838



113.1890, -53.8302, -1.0428



106.1590, 28.5156, -93.1014

Rectangle

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



123.5880, 48.5171, -21.5637



124.3810, 16.0812, 68.9489



113.1890, -53.8302, -1.0428



97.4780, -2.2077, -85.4882

Sweetspot

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



123.5880, 48.5171, -21.5637



220.4240, 17.0460, -7.3878



183.1710, 10.2687, -73.8180



107.3120, 10.1992, -4.6586



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.



123.5880, 48.5171, -21.5637



120.2400, 66.4367, -29.1515



125.8790, 47.3877, 14.1381



103.4280, 4.2260, -2.1294



35.3260, 69.3523, -30.9809



9.5810, 18.9406, -8.4025

Inverse Universe

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



137.8290, -10.2687, 73.8180



139.9680, -14.2812, 100.8831



195.1210, -47.3877, -14.1381



104.5170, -0.7479, 6.5626



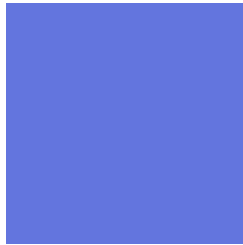
55.5880, -14.5869, 105.6013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 123.5880, 48.5171, -21.5637 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 123.5880, 48.5171, -21.5637 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 123.5880, 48.5171, -21.5637

Background



This preview shows how black text looks on a background with the YUV color 123.5880, 48.5171, -21.5637.



This preview shows how white text looks on a background with the YUV color 123.5880, 48.5171, -21.5637.

-21.5637.

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

123.5880, 48.5171, -21.5637

Protanopia

118.6180, 52.9393, -40.0070

Deuteranopia

112.4860, 53.0044, -60.9392



Tritanopia

117.1180, 14.2388, -40.4455

Trichromacy



Original Color

123.5880, 48.5171, -21.5637

Protanomaly

120.6080, 51.4653, -33.8592

Deuteranomaly

116.2320, 51.6506, -46.6845

Tritanomaly

119.1910, 27.0208, -33.4935

Monochromacy



Original Color

123.5880, 48.5171, -21.5637

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.6520, 17.9196, -7.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5880, 48.5171, -21.5637 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(99, 117, 222)` looks like.

```
.text, #text, p{  
    color:rgb(99, 117, 222)  
}
```

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(99, 117, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 117, 222) }
```

Border

The CSS property to change the border of an element to YUV 123.5880, 48.5171, -21.5637 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(99, 117, 222) }
```


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

```
.border{ border-color:rgb(99, 117, 222) }
```

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

Here you see how a box with a 4 pixel rgb(99, 117, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 117, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 117, 222);  
box-shadow:4px 4px 4px 4px rgb(99, 117,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 123.5880, 48.5171, -21.5637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 117, 222) }
```

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

```
.background{ background-color: rgb(99, 117,  
222) }
```

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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