

Converting Colors

YUV(122.4850, 48.0749,
-19.7193)

Have a look what the booklet for
YUV(122.4850, 48.0749, -19.7193)
contains.

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Color

**YUV(122.4850, 48.0749,
-19.7193)**

Conversions

Conversions Part 1

Format	Color
Hex	6473DC
RGB	100, 115, 220
RGB Percent	39%, 45%, 86%
CMY	0.6078, 0.5490, 0.1373
CMYK	0.55, 0.48, 0.00, 0.14
HSL	232°, 63%, 63%
HSV	232°, 55%, 86%
XYZ	24.3045, 20.1381, 70.3162
YIQ	122.4850, -42.6450, 29.4750

Conversions

Conversions Part 2

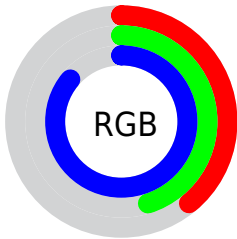
Format	Color
R_{YB}	100, 113, 220
Decimal	6583260
CIE _{Lab}	51.99, 24.29, -55.64
CIE _{LCh}	52, 60.714, 293.580
Yxy	20.1381, 0.2118, 0.1755
Android (android.graphics.Color)	4284773340 (0xFF6473DC)
YUV	122.4850, 48.0749, -19.7193
Hunter-Lab	44.8755, 18.1433, -61.4897

Details

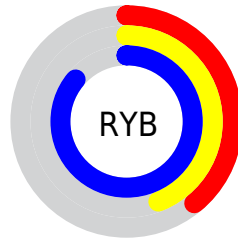
The YUV color **122.4850, 48.0749, -19.7193** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **197.5150, -48.0749, 19.7193**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3410, 39.7649, -14.3311**, and **68.1910, 47.2338, -29.9855** is the 20% darker color. If you saturate the color by 10%, you get **104.7540, 56.8163, -23.4633**, and if you desaturate by 10%, it is **140.2160, 39.3335, -15.9754**.

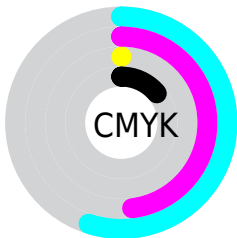
Distribution



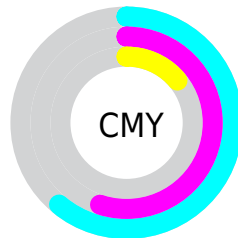
- Red (39%)
- Green (45%)
- Blue (86%)



- Red (39%)
- Yellow (44%)
- Blue (86%)



- Cyan (55%)
- Magenta (48%)
- Yellow (0%)
- Black (14%)



- Cyan (61%)
- Magenta (55%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4850, 48.0749, -19.7193 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 122.4850, 48.0749, -19.7193 by changing the saturation by 10% instead.

■ 122.4850, 48.0749,
-19.7193

■ 122.4850, 48.0749,
-19.7193

255.0000, 0.0000,
0.0000

■ 96.2350, 47.2121,
-23.0081

■ 174.3410, 39.7649,
-14.3311

■ 68.1910, 47.2338,
-29.9855

■ 199.1600, 27.5291,
-9.7873

■ 42.6200, 46.5293,
-37.3777

■ 224.2670, 15.1514,
-6.3732

■ 27.9160, 40.9604,
-24.4823

■ 249.6730, 2.6262,
-2.3442

■ 9.8040, 37.5646,
-8.5981

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 122.4850, 48.0749,
-19.7193

■ 122.4850, 48.0749,
-19.7193

■ 104.7540, 56.8163,
-23.4633

■ 140.2160, 39.3335,
-15.9754

■ 86.4360, 65.8471,
-26.6924

■ 158.5340, 30.3027,
-12.7463

■ 68.7050, 74.5884,
-30.4363

■ 176.2650, 21.5614,
-9.0024

■ 50.9740, 83.3298,
-34.1802

■ 193.9960, 12.8200,
-5.2585

■ 41.5160, 87.9926,
-36.4095

■ 211.7270, 4.0786,
-1.5146

■ 229.4580, -4.6628,
2.2293

■ 247.7760,
-13.6936, 5.4584

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



104.6500, 60.8115, -91.7781



122.4850, 48.0749, -19.7193



126.9460, 29.1136, 42.1434

Triad

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



122.4850, 48.0749, -19.7193



119.1030, -39.4908, 66.5617



98.9430, 5.9441, -86.7730

Complementary

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



122.4850, 48.0749, -19.7193



197.5150, -48.0749, 19.7193

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.



99.5230, -20.4708, -60.9717



122.4850, 48.0749, -19.7193



116.5080, -57.4384, 36.3885

Square

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



122.4850, 48.0749, -19.7193



118.1140, -15.8322, 84.9690



110.8900, -53.6828, -1.6575



105.5720, 28.8050, -92.5866

Rectangle

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



122.4850, 48.0749, -19.7193



122.9790, 15.7864, 70.1784



110.8900, -53.6828, -1.6575



96.3040, -1.6289, -84.4586

Sweetspot

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



122.4850, 48.0749, -19.7193



221.6090, 16.4618, -6.6731



182.2960, 10.7001, -72.1736



107.6110, 10.0518, -4.0438



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.



122.4850, 48.0749, -19.7193



120.2510, 66.4313, -27.4071



126.8360, 45.9299, 15.0528



100.8410, 4.5154, -1.6146



32.6360, 69.1995, -28.6218



8.7660, 18.3564, -7.6878

Inverse Universe

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



137.5900, -11.1369, 72.2736



141.0280, -15.2968, 99.9534



193.1640, -45.9299, -15.0528



102.4030, -1.1847, 6.6626



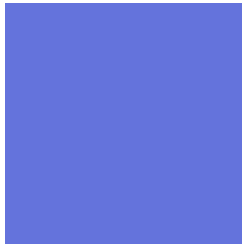
54.2350, -15.8919, 104.1569



14.4380, -4.1599, 27.6799

Previews

White Background



This preview shows how the YUV color 122.4850, 48.0749, -19.7193 looks on a white background.

Color Contrast Check

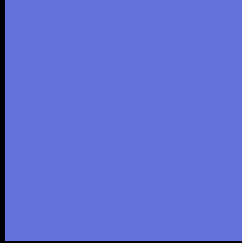
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4850, 48.0749, -19.7193 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 122.4850, 48.0749, -19.7193

Background



This preview shows how black text looks on a background with the YUV color 122.4850, 48.0749, -19.7193.



This preview shows how white text looks on a background with the YUV color 122.4850, 48.0749, -19.7193.

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

122.4850, 48.0749, -19.7193

Protanopia

117.3190, 53.0867, -40.6218

Deuteranopia

110.7850, 52.8570, -60.3244



Tritanopia

116.3140, 13.6492, -37.9864

Trichromacy



Original Color

122.4850, 48.0749, -19.7193

Protanomaly

119.2060, 51.1704, -32.6297

Deuteranomaly

114.8300, 51.3558, -45.4549

Tritanomaly

118.3870, 26.4312, -31.0344

Monochromacy



Original Color

122.4850, 48.0749, -19.7193

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9510, 17.7722, -6.9730

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4850, 48.0749, -19.7193 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(100, 115, 220)` looks like.

```
.text, #text, p{  
    color:rgb(100, 115, 220)  
}
```

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(100, 115, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 115, 220) }
```

Border

The CSS property to change the border of an element to YUV 122.4850, 48.0749, -19.7193 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(100, 115, 220) }
```


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

```
.border{ border-color:rgb(100, 115, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 115, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 115, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 115, 220);  
box-shadow:4px 4px 4px 4px rgb(100, 115,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 122.4850, 48.0749, -19.7193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 115, 220) }
```

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

```
.background{ background-color: rgb(100,  
115, 220) }
```

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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