

Converting Colors

YUV(114.5990, 48.5117,
-19.8193)

Have a look what the booklet for
YUV(114.5990, 48.5117, -19.8193)
contains.

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Color

**YUV(114.5990, 48.5117,
-19.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	5C6BD5
RGB	92, 107, 213
RGB Percent	36%, 42%, 84%
CMY	0.6392, 0.5804, 0.1647
CMYK	0.57, 0.50, 0.00, 0.16
HSL	233°, 59%, 60%
HSV	233°, 57%, 84%
XYZ	21.6816, 17.5948, 65.2042
YIQ	114.5990, -42.9660, 29.7860

Conversions

Conversions Part 2

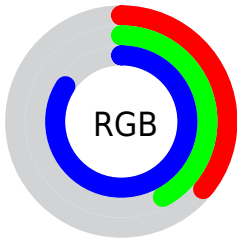
Format	Color
R_{YB}	92, 105, 213
Decimal	6056917
CIE _{Lab}	49.00, 25.33, -56.51
CIE _{LCh}	49, 61.925, 294.145
Yxy	17.5948, 0.2075, 0.1684
Android (android.graphics.Color)	4284246997 (0xFF5C6BD5)
YUV	114.5990, 48.5117, -19.8193
Hunter-Lab	41.9462, 18.8592, -62.8024

Details

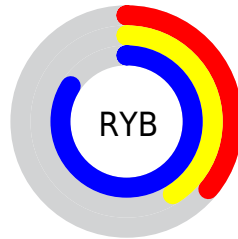
The YUV color **114.5990, 48.5117, -19.8193** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **190.4010, -48.5117, 19.8193**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9650, 43.4013, -14.0013**, and **58.7990, 48.4131, -34.9037** is the 20% darker color. If you saturate the color by 10%, you get **97.1670, 57.1057, -22.9485**, and if you desaturate by 10%, it is **132.0310, 39.9177, -16.6902**.

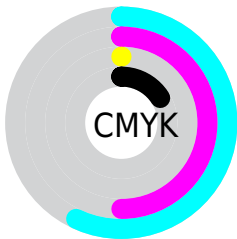
Distribution



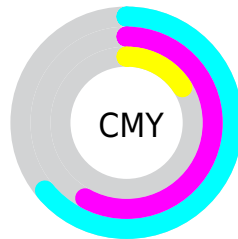
- Red (36%)
- Green (42%)
- Blue (84%)



- Red (36%)
- Yellow (41%)
- Blue (84%)



- Cyan (57%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5990, 48.5117, -19.8193 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 114.5990, 48.5117, -19.8193 by changing the saturation by 10% instead.

■ 114.5990, 48.5117,
-19.8193

■ 114.5990, 48.5117,
-19.8193

255.0000, 0.0000,
0.0000

■ 88.0500, 47.7964,
-23.7228

■ 166.9650, 43.4013,
-14.0013

■ 58.7990, 48.4131,
-34.9037

■ 191.4850, 31.3129,
-10.0723

■ 37.8270, 45.9343,
-33.1743

■ 216.5920, 18.9351,
-6.6582

■ 23.7100, 40.0760,
-20.7937

■ 241.9980, 6.4100,
-2.6292

■ 9.1200, 34.9438,
-7.9982

■ 9.3190, 23.0137,
-8.1728

■ 5.0500, 14.2723,

-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 114.5990, 48.5117,
-19.8193

■ 114.5990, 48.5117,
-19.8193

■ 97.1670, 57.1057,
-22.9485

■ 132.0310, 39.9177,
-16.6902

■ 80.0230, 65.5577,
-27.2072

■ 149.1750, 31.4657,
-12.4315

■ 62.5910, 74.1516,
-30.3363

■ 166.6070, 22.8717,
-9.3023

■ 45.1590, 82.7456,
-33.4654

■ 184.0390, 14.2778,
-6.1732

■ 39.5440, 85.5138,
-34.6801

■ 201.1830, 5.8258,
-1.9145

■ 218.6150, -2.7682,
1.2146

■ 236.0470,
-11.3622, 4.3438

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



99.1560, 60.0691, -86.9598



114.5990, 48.5117, -19.8193



118.4840, 29.8344, 44.3025

Triad

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



114.5990, 48.5117, -19.8193



110.7610, -40.8012, 66.8616



93.4490, 5.2016, -81.9548

Complementary

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



114.5990, 48.5117, -19.8193



190.4010, -48.5117, 19.8193

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.



84.9450, -17.2279, -74.4968



114.5990, 48.5117, -19.8193



109.7080, -54.0860, 34.4591

Square

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



114.5990, 48.5117, -19.8193



108.8260, -15.6902, 86.0986



103.5630, -51.0566, -4.0018



100.1920, 28.4993, -87.8684

Rectangle

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



114.5990, 48.5117, -19.8193



113.4030, 16.0703, 72.4376



103.5630, -51.0566, -4.0018



90.8100, -2.3713, -79.6404

Sweetspot

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



114.5990, 48.5117, -19.8193



219.8370, 17.3354, -6.8730



174.9970, 10.8475, -72.7884



106.7250, 10.4886, -4.1438



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.



114.5990, 48.5117, -19.8193



114.0490, 69.4888, -28.1070



118.9500, 46.3666, 14.9528



98.4280, 4.2260, -2.1294



31.8210, 68.6152, -27.9070



7.8370, 17.3354, -6.8730

Inverse Universe

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



129.8890, -11.2843, 72.8883



136.1210, -16.3287, 104.2569



186.0500, -46.3666, -14.9528



99.5170, -0.7479, 6.5626



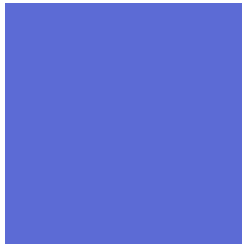
53.5230, -16.0338, 103.0273



13.4270, -4.1545, 25.9355

Previews

White Background



This preview shows how the YUV color 114.5990, 48.5117, -19.8193 looks on a white 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

Black Background



This preview shows how the YUV color 114.5990, 48.5117, -19.8193 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 114.5990, 48.5117, -19.8193 Background



This preview shows how black text looks on a background with the YUV color 114.5990, 48.5117, -19.8193.



This preview shows how white text looks on a background with the YUV color 114.5990, 48.5117, -19.8193.

-19.8193.

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

114.5990, 48.5117, -19.8193

Protanopia

108.0520, 54.6974, -43.8956

Deuteranopia

93.0920, 57.1426, -81.6417



Tritanopia

108.0040, 13.8020, -40.3455

Trichromacy



Original Color

114.5990, 48.5117, -19.8193

Protanomaly

110.2380, 52.6337, -35.2887

Deuteranomaly

100.7250, 53.8726, -59.3948

Tritanomaly

110.3760, 26.4366, -32.7788

Monochromacy



Original Color

114.5990, 48.5117, -19.8193

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9510, 17.7722, -6.9730

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5990, 48.5117, -19.8193 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, 107, 213)` looks like.

```
.text, #text, p{  
    color:rgb(92, 107, 213)  
}
```

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, 107, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 107, 213) }
```

Border

The CSS property to change the border of an element to YUV 114.5990, 48.5117, -19.8193 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, 107, 213) }
```


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

```
.border{ border-color:rgb(92, 107, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 107, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 107, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 107, 213);  
box-shadow:4px 4px 4px 4px rgb(92, 107,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 114.5990, 48.5117, -19.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 107, 213) }
```

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

```
.background{ background-color: rgb(92, 107,  
213) }
```

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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