

Converting Colors

YUV(98.3170, 49.6367, -7.2940)

Have a look what the booklet for
YUV(98.3170, 49.6367, -7.2940)
contains.

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Color

**YUV(98.3170, 49.6367,
-7.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	5A53C7
RGB	90, 83, 199
RGB Percent	35%, 33%, 78%
CMY	0.6471, 0.6745, 0.2196
CMYK	0.55, 0.58, 0.00, 0.22
HSL	244°, 51%, 55%
HSV	244°, 58%, 78%
XYZ	17.6185, 12.4837, 55.5138
YIQ	98.3170, -33.0640, 37.5600

Conversions

Conversions Part 2

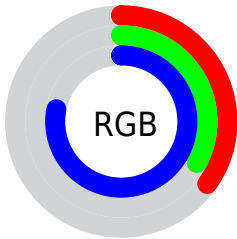
Format	Color
R_{YB}	90, 83, 199
Decimal	5919687
CIE _{Lab}	41.97, 35.20, -59.82
CIE _{LCh}	42, 69.406, 300.473
Yxy	12.4837, 0.2058, 0.1458
Android (android.graphics.Color)	4284109767 (0xFF5A53C7)
YUV	98.3170, 49.6367, -7.2940
Hunter-Lab	35.3323, 27.1779, -68.4235

Details

The YUV color **98.3170, 49.6367, -7.2940** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **183.6830, -49.6367, 7.2940**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3930, 51.0783, -2.9757**, and **44.4030, 49.1013, -22.2784** is the 20% darker color. If you saturate the color by 10%, you get **80.8960, 58.2253, -8.6788**, and if you desaturate by 10%, it is **115.7380, 41.0482, -5.9092**.

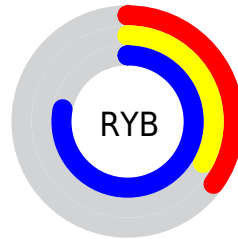
Distribution



Red (35%)

Green (33%)

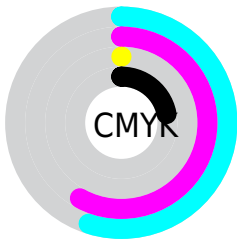
Blue (78%)



Red (35%)

Yellow (33%)

Blue (78%)

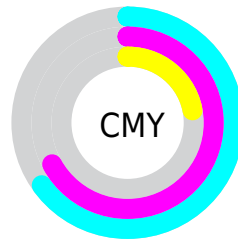


Cyan (55%)

Magenta (58%)

Yellow (0%)

Black (22%)



Cyan (65%)

Magenta (67%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3170, 49.6367, -7.2940 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 98.3170, 49.6367, -7.2940 by changing the saturation by 10% instead.

■ 98.3170, 49.6367,
-7.2940

■ 98.3170, 49.6367,
-7.2940

255.0000, 0.0000,
0.0000

■ 72.3550, 48.6320,
-11.7123

■ 151.3930, 51.0783,
-2.9757

■ 44.4030, 49.1013,
-22.2784

■ 175.3260, 39.2793,
1.4681

■ 23.4310, 46.6225,
-20.5490

■ 200.1450, 27.0435,
6.0118

■ 10.4880, 40.1854,
-9.1980

■ 225.2520, 14.6658,
9.4260

■ 11.8610, 27.6765,
-10.4021

■ 247.9560, 3.4727,
6.1776

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 98.3170, 49.6367,
-7.2940

■ 98.3170, 49.6367,
-7.2940

■ 80.8960, 58.2253,
-8.6788

■ 115.7380, 41.0482,
-5.9092

■ 63.7740, 66.6664,
-9.4488

■ 132.8600, 32.6070,
-5.1392

■ 46.3530, 75.2550,
-10.8336

■ 150.2810, 24.0185,
-3.7544

■ 28.9320, 83.8435,
-12.2184

■ 167.7020, 15.4299,
-2.3697

■ 26.2740, 85.1539,
-12.5183

■ 184.8240, 6.9888,
-1.5996

■ 201.6580, -1.3104,
0.2999

■ 219.0790, -9.8989,
1.6847

■ 236.5000,
-18.4875, 3.0695

■ 248.6160,
-24.4607, 5.5988

Harmonies

Analogous

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



87.3190, 62.9467, -76.5788



98.3170, 49.6367, -7.2940



94.4200, 30.3589, 62.7757

Triad

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



98.3170, 49.6367, -7.2940



91.3000, -45.0109, 63.7579



83.3730, 7.2111, -73.1181

Complementary

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



98.3170, 49.6367, -7.2940



183.6830, -49.6367, 7.2940

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.



74.0710, -18.2760, -64.9603



98.3170, 49.6367, -7.2940



92.8190, -45.7598, 23.8377

Square

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



98.3170, 49.6367, -7.2940



82.7840, -18.6275, 94.9054



84.2820, -41.5510, -19.5413



89.9850, 32.5454, -78.9168

Rectangle

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



98.3170, 49.6367, -7.2940



78.4090, 20.5044, 96.9883



84.2820, -41.5510, -19.5413



80.5060, -1.2355, -70.6038

Sweetspot

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



98.3170, 49.6367, -7.2940



217.5000, 18.4875, -3.0695



160.7940, 18.8356, -68.2253



105.5620, 11.0619, -1.3699



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.



98.3170, 49.6367, -7.2940



100.2820, 76.2760, -11.6483



115.3600, 41.2345, 27.7483



91.0260, 3.9312, -0.8998



21.5720, 69.7240, -10.1486



4.7020, 15.4299, -2.3697

Inverse Universe

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



130.1100, 30.5118, 60.4165



149.2600, 46.7068, 92.7340



166.6400, -41.2345, -27.7483



93.7170, 2.6045, 4.6332



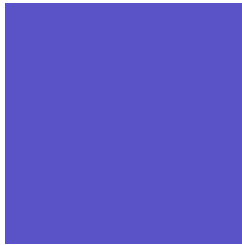
66.1790, 42.8028, 84.9120



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 98.3170, 49.6367, -7.2940 looks on a white background.

Color Contrast Check

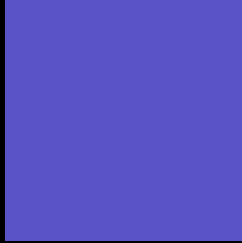
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.3170, 49.6367, -7.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

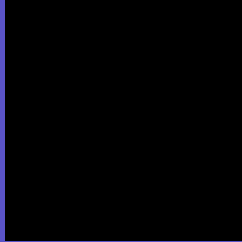
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.3170, 49.6367, -7.2940

Background



This preview shows how black text looks on a background with the YUV color 98.3170, 49.6367, -7.2940.



This preview shows how white text looks on a background with the YUV color 98.3170, 49.6367, -7.2940.

-7.2940.

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

98.3170, 49.6367, -7.2940

Protanopia

78.7930, 60.7411, -69.1015

Deuteranopia

79.3510, 47.6480, -69.5908



Tritanopia

93.1580, 10.2751, -29.0796

Trichromacy



Original Color

98.3170, 49.6367, -7.2940

Protanomaly

86.1980, 56.5974, -46.6546

Deuteranomaly

86.0210, 48.3036, -46.4994

Tritanomaly

95.2850, 24.5095, -21.2979

Monochromacy



Original Color

98.3170, 49.6367, -7.2940

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.3860, 18.0507, -2.9695

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3170, 49.6367, -7.2940 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(90, 83, 199)` looks like.

```
.text, #text, p{  
    color:rgb(90, 83, 199)  
}
```

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(90, 83, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 83, 199) }
```

Border

The CSS property to change the border of an element to YUV 98.3170, 49.6367, -7.2940 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(90, 83, 199) }
```


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

```
.border{ border-color:rgb(90, 83, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 83, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 83, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 83, 199);  
box-shadow:4px 4px 4px 4px rgb(90, 83,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 98.3170, 49.6367, -7.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 83, 199) }
```

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

```
.background{ background-color: rgb(90, 83,  
199) }
```

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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