

Converting Colors

YUV(97.9520, 49.8167,
-18.3749)

Have a look what the booklet for
YUV(97.9520, 49.8167, -18.3749)
contains.

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Color

**YUV(97.9520, 49.8167,
-18.3749)**

Conversions

Conversions Part 1

Format	Color
Hex	4D59C7
RGB	77, 89, 199
RGB Percent	30%, 35%, 78%
CMY	0.6980, 0.6510, 0.2196
CMYK	0.61, 0.55, 0.00, 0.22
HSL	234°, 52%, 54%
HSV	234°, 61%, 78%
XYZ	16.9417, 12.8461, 55.6194
YIQ	97.9520, -42.4620, 31.6660

Conversions

Conversions Part 2

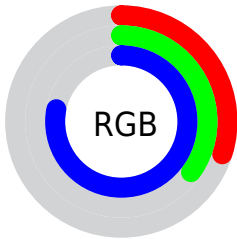
Format	Color
R_{YB}	77, 88, 199
Decimal	5069255
CIE _{Lab}	42.53, 29.10, -58.96
CIE _{LCh}	43, 65.754, 296.272
Yxy	12.8461, 0.1984, 0.1504
Android (android.graphics.Color)	4283259335 (0xFF4D59C7)
YUV	97.9520, 49.8167, -18.3749
Hunter-Lab	35.8414, 21.6521, -66.9185

Details

The YUV color **97.9520, 49.8167, -18.3749** 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 **178.0480, -49.8167, 18.3749**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6260, 50.9634, -12.8270**, and **42.2440, 50.1657, -37.0480** is the 20% darker color. If you saturate the color by 10%, you get **81.4060, 57.9738, -21.4041**, and if you desaturate by 10%, it is **114.4980, 41.6595, -15.3457**.

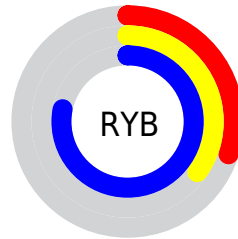
Distribution



Red (30%)

Green (35%)

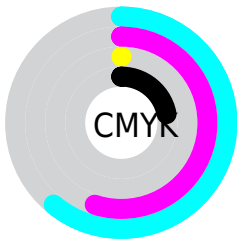
Blue (78%)



Red (30%)

Yellow (35%)

Blue (78%)

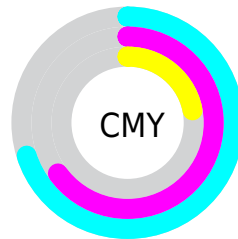


Cyan (61%)

Magenta (55%)

Yellow (0%)

Black (22%)



Cyan (70%)

Magenta (65%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.9520, 49.8167, -18.3749 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 97.9520, 49.8167, -18.3749 by changing the saturation by 10% instead.

■ 97.9520, 49.8167,
-18.3749

■ 97.9520, 49.8167,
-18.3749

■ 255.0000, 0.0000,
0.0000

■ 71.0930, 49.2542,
-24.6376

■ 151.6260, 50.9634,
-12.8270

■ 42.2440, 50.1657,
-37.0480

■ 175.5590, 39.1644,
-8.3832

■ 27.5400, 44.5968,
-24.1526

■ 200.0790, 27.0761,
-4.4543

■ 10.4880, 40.1854,
-9.1980

■ 225.4850, 14.5509,
-0.4253

■ 11.8610, 27.6765,
-10.4021

■ 251.4780, 1.7363,
3.0888

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 97.9520, 49.8167,
-18.3749

■ 97.9520, 49.8167,
-18.3749

■ 81.4060, 57.9738,
-21.4041

■ 114.4980, 41.6595,
-15.3457

■ 64.8600, 66.1310,
-24.4332

■ 131.0440, 33.5023,
-12.3166

■ 48.3140, 74.2882,
-27.4624

■ 147.5900, 25.3451,
-9.2874

■ 34.4260, 81.1350,
-30.1916

■ 164.1360, 17.1880,
-6.2583

■ 180.6820, 9.0308,
-3.2291

■ 196.9290, 1.0210,
-0.8147

■ 213.4750, -7.1362,
2.2144

■ 230.0210,
-15.2934, 5.2436

■ 245.6810,
-23.0137, 8.1728

Harmonies

Analogous

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



88.5100, 59.8946, -77.6233



97.9520, 49.8167, -18.3749



99.4570, 30.8337, 50.4652

Triad

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



97.9520, 49.8167, -18.3749



92.4960, -45.6005, 66.2170



82.6890, 4.5903, -72.5183

Complementary

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



97.9520, 49.8167, -18.3749



178.0480, -49.8167, 18.3749

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.



73.6150, -20.0232, -64.5604



97.9520, 49.8167, -18.3749



94.6240, -46.6496, 29.2708

Square

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



97.9520, 49.8167, -18.3749



86.9730, -15.2697, 91.2317



87.8810, -43.3253, -10.4196



89.5460, 28.3248, -78.5318

Rectangle

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



97.9520, 49.8167, -18.3749



89.8540, 18.8060, 81.6890



87.8810, -43.3253, -10.4196



79.9360, -3.4194, -70.1039

Sweetspot

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



97.9520, 49.8167, -18.3749



217.1790, 18.6458, -7.1730



161.1540, 12.7421, -73.8031



104.0670, 11.7990, -4.4438



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.



97.9520, 49.8167, -18.3749



98.6990, 77.0564, -28.6770



105.5590, 46.0664, 17.9268



91.0260, 3.9312, -0.8998



27.9740, 66.5678, -24.5332



6.4520, 14.5672, -5.6584

Inverse Universe

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



114.8460, -12.7421, 73.8031



124.6770, -19.5608, 114.2933



170.4410, -46.0664, -17.9268



92.6910, -1.3267, 5.5330



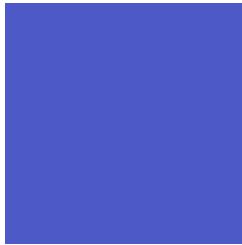
50.5610, -17.0386, 98.6090



11.2200, -3.5595, 21.7321

Previews

White Background



This preview shows how the YUV color 97.9520, 49.8167, -18.3749 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 97.9520, 49.8167, -18.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

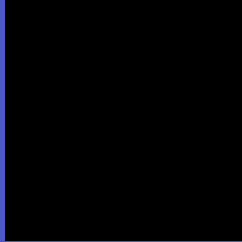
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.9520, 49.8167, -18.3749

Background



This preview shows how black text looks on a background with the YUV color 97.9520, 49.8167, -18.3749.



This preview shows how white text looks on a background with the YUV color 97.9520, 49.8167, -18.3749.

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

97.9520, 49.8167, -18.3749

Protanopia

79.7220, 61.7621, -69.9162

Deuteranopia

80.1660, 48.2322, -70.3056



Tritanopia

89.1990, 14.6919, -45.7785

Trichromacy



Original Color

97.9520, 49.8167, -18.3749

Protanomaly

86.1050, 57.6292, -50.9581

Deuteranomaly

86.5150, 49.0461, -51.3177

Tritanomaly

92.2940, 27.4631, -35.3378

Monochromacy



Original Color

97.9520, 49.8167, -18.3749

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0650, 18.2090, -7.0730

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.9520, 49.8167, -18.3749 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(77, 89, 199)` looks like.

```
.text, #text, p{  
    color:rgb(77, 89, 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(77, 89, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 89, 199) }
```

Border

The CSS property to change the border of an element to YUV 97.9520, 49.8167, -18.3749 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(77, 89, 199) }
```


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

```
.border{ border-color:rgb(77, 89, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 89, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 89, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 89, 199);  
box-shadow:4px 4px 4px 4px rgb(77, 89,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 97.9520, 49.8167, -18.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 89, 199) }
```

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

```
.background{ background-color: rgb(77, 89,  
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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