

Converting Colors

YUV(98.6390, 64.7610, -4.9454)

Have a look what the booklet for
YUV(98.6390, 64.7610, -4.9454)
contains.

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Color

**YUV(98.6390, 64.7610,
-4.9454)**

Conversions

Conversions Part 1

Format	Color
Hex	5D4CE6
RGB	93, 76, 230
RGB Percent	36%, 30%, 90%
CMY	0.6353, 0.7020, 0.0980
CMYK	0.60, 0.67, 0.00, 0.10
HSL	247°, 75%, 60%
HSV	247°, 67%, 90%
XYZ	21.3816, 13.2092, 76.2856
YIQ	98.6390, -39.3020, 51.4980

Conversions

Conversions Part 2

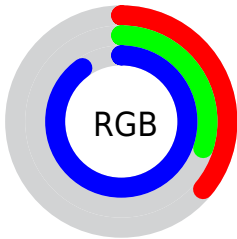
Format	Color
RYB	93, 76, 230
Decimal	6114534
CIELab	43.08, 49.45, -75.78
CIELCh	43, 90.484, 303.127
Yxy	13.2092, 0.1928, 0.1191
Android (android.graphics.Color)	4284304614 (0xFF5D4CE6)
YUV	98.6390, 64.7610, -4.9454
Hunter-Lab	36.3445, 41.4093, -99.0062

Details

The YUV color **98.6390, 64.7610, -4.9454** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **207.3610, -64.7610, 4.9454**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6760, 51.9247, 5.5461**, and **36.7450, 67.1737, -32.2254** is the 20% darker color. If you saturate the color by 10%, you get **79.1580, 74.3651, -5.4006**, and if you desaturate by 10%, it is **118.1200, 55.1568, -4.4902**.

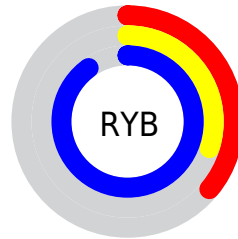
Distribution



Red (36%)

Green (30%)

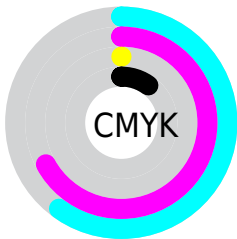
Blue (90%)



Red (36%)

Yellow (30%)

Blue (90%)

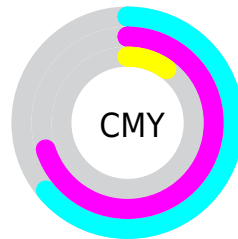


Cyan (60%)

Magenta (67%)

Yellow (0%)

Black (10%)



Cyan (64%)

Magenta (70%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6390, 64.7610, -4.9454 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 98.6390, 64.7610, -4.9454 by changing the saturation by 10% instead.

■ 98.6390, 64.7610,
-4.9454

■ 98.6390, 64.7610,
-4.9454

255.0000, 0.0000,
0.0000

■ 70.7800, 64.1985,
-11.2081

■ 149.6760, 51.9247,
5.5461

■ 36.7450, 67.1737,
-32.2254

■ 174.4950, 39.6890,
10.0899

■ 19.5790, 62.3256,
-17.1708

■ 199.6130, 27.3058,
15.2484

■ 13.5660, 51.9790,
-11.8974

■ 225.0190, 14.7806,
19.2773

■ 10.6020, 40.6222,
-9.2980

■ 243.8470, 5.4984,
9.7812

■ 12.5620, 27.8239,
-11.0169

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 98.6390, 64.7610,
-4.9454

■ 98.6390, 64.7610,
-4.9454

■ 79.1580, 74.3651,
-5.4006

■ 118.1200, 55.1568,
-4.4902

■ 59.3780, 84.1166,
-6.4705

■ 137.9000, 45.4053,
-3.4203

■ 39.8970, 93.7208,
-6.9257

■ 157.3810, 35.8012,
-2.9651

■ 33.6950, 96.7784,
-7.6255

■ 177.1610, 26.0496,
-1.8952

■ 196.6420, 16.4455,
-1.4400

■ 216.4220, 6.6940,
-0.3701

■ 235.9030, -2.9102,
0.0851

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



98.6390, 64.7610, -4.9454



76.9020, 46.3903, 100.9409

Triad

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



98.6390, 64.7610, -4.9454



92.5400, -45.6222, 73.1944



88.6220, 9.5534, -77.7215

Complementary

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



98.6390, 64.7610, -4.9454



207.3610, -64.7610, 4.9454

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.



76.4700, -26.8537, -67.0642



98.6390, 64.7610, -4.9454



95.1560, -46.9119, 20.0342

Square

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



98.6390, 64.7610, -4.9454



67.0210, -21.2094, 129.7776



77.3280, -38.1227, -45.8917



97.7590, 42.0238, -85.7346

Rectangle

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



98.6390, 64.7610, -4.9454



79.3890, 21.0072, 122.4388



77.3280, -38.1227, -45.8917



85.0710, -1.5140, -74.6073

Sweetspot

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



98.6390, 64.7610, -4.9454



211.6080, 21.3923, -1.4102



175.1490, 27.0415, -86.9537



101.4310, 13.0985, -1.2550



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.



98.6390, 64.7610, -4.9454



81.1330, 85.7164, -6.2556



121.0640, 53.7054, 41.1629



104.9660, 4.9468, 0.0298



26.3860, 75.2387, -5.6005



7.6080, 21.3923, -1.4102

Inverse Universe

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



137.6640, 37.1406, 80.9787



132.6300, 48.9894, 107.3185



184.9360, -53.7054, -41.1629



107.7280, 2.5991, 6.3775



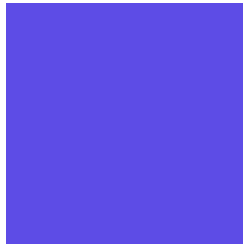
71.6470, 43.0650, 94.1486



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 98.6390, 64.7610, -4.9454 looks on a white background.

Color Contrast Check

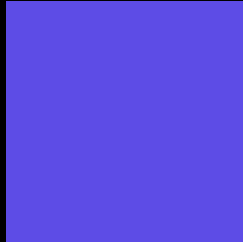
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6390, 64.7610, -4.9454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

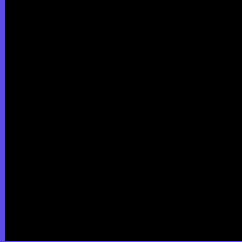
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.6390, 64.7610, -4.9454

Background



This preview shows how black text looks on a background with the YUV color 98.6390, 64.7610, -4.9454.



This preview shows how white text looks on a background with the YUV color 98.6390, 64.7610,

-4.9454.

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

98.6390, 64.7610, -4.9454

Protanopia

81.0100, 61.6201, -71.0458

Deuteranopia

81.2260, 47.2166, -71.2352



Tritanopia

91.6940, 13.9549, -42.7046

Trichromacy



Original Color

98.6390, 64.7610, -4.9454

Protanomaly

87.5060, 62.8545, -46.9248

Deuteranomaly

87.6880, 53.3978, -47.0844

Tritanomaly

94.0050, 32.5355, -28.9454

Monochromacy



Original Color

98.6390, 64.7610, -4.9454

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.1780, 23.5762, -1.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6390, 64.7610, -4.9454 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(93, 76, 230)` looks like.

```
.text, #text, p{  
    color:rgb(93, 76, 230)  
}
```

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(93, 76, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 76, 230) }
```

Border

The CSS property to change the border of an element to YUV 98.6390, 64.7610, -4.9454 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(93, 76, 230) }
```


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

```
.border{ border-color:rgb(93, 76, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 76, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 76, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 76, 230);  
box-shadow:4px 4px 4px 4px rgb(93, 76,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 98.6390, 64.7610, -4.9454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 76, 230) }
```

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

```
.background{ background-color: rgb(93, 76,  
230) }
```

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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