

Converting Colors

YUV(98.2200, 70.3905, 9.4541)

Have a look what the booklet for
YUV(98.2200, 70.3905, 9.4541)
contains.

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Color

**YUV(98.2200, 70.3905,
9.4541)**

Conversions

Conversions Part 1

Format	Color
Hex	6D41F1
RGB	109, 65, 241
RGB Percent	43%, 25%, 95%
CMY	0.5725, 0.7451, 0.0549
CMYK	0.55, 0.73, 0.00, 0.05
HSL	255°, 86%, 60%
HSV	255°, 73%, 95%
XYZ	24.0742, 13.3827, 84.5334
YIQ	98.2200, -30.2720, 64.0640

Conversions

Conversions Part 2

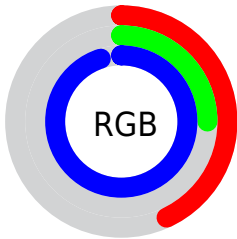
Format	Color
R_{YB}	109, 65, 241
Decimal	7160305
CIE _{Lab}	43.33, 60.60, -81.52
CIE _{LCh}	43, 101.576, 306.629
Yxy	13.3827, 0.1973, 0.1097
Android (android.graphics.Color)	4285350385 (0xFF6D41F1)
YUV	98.2200, 70.3905, 9.4541
Hunter-Lab	36.5823, 53.4484, -111.3979

Details

The YUV color **98.2200, 70.3905, 9.4541** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **207.7800, -70.3905, -9.4541**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8780, 52.3181, 19.4010**, and **34.5390, 73.1913, -2.2267** is the 20% darker color. If you saturate the color by 10%, you get **78.7500, 79.9892, 10.7432**, and if you desaturate by 10%, it is **117.6900, 60.7918, 8.1649**.

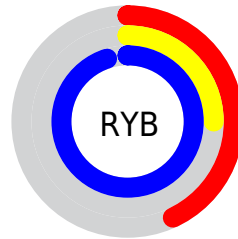
Distribution



Red (43%)

Green (25%)

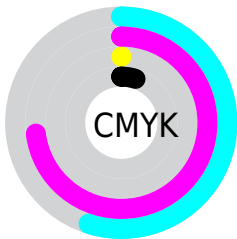
Blue (95%)



Red (43%)

Yellow (25%)

Blue (95%)

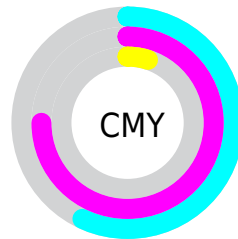


Cyan (55%)

Magenta (73%)

Yellow (0%)

Black (5%)



Cyan (57%)

Magenta (75%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.2200, 70.3905, 9.4541 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 98.2200, 70.3905, 9.4541 by changing the saturation by 10% instead.

■ 98.2200, 70.3905,
9.4541

■ 98.2200, 70.3905,
9.4541

255.0000, 0.0000,
0.0000

■ 69.4860, 70.2594,
4.8358

■ 148.8780, 52.3181,
19.4010

■ 34.5390, 73.1913,
-2.2267

■ 173.9960, 39.9350,
24.5595

■ 17.7840, 68.1405,
-15.5966

■ 199.1140, 27.5518,
29.7180

■ 14.7060, 56.3469,
-12.8972

■ 222.1280, 16.2059,
28.8287

■ 11.6280, 44.5534,
-10.1978

■ 239.1510, 7.8136,
13.8996

■ 14.6480, 30.7395,
-12.8463

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 98.2200, 70.3905,
9.4541

■ 98.2200, 70.3905,
9.4541

■ 78.7500, 79.9892,
10.7432

■ 117.6900, 60.7918,
8.1649

■ 59.2800, 89.5880,
12.0324

■ 137.1600, 51.1931,
6.8757

■ 45.4140, 96.4239,
12.7919

■ 156.6300, 41.5944,
5.5865

■ 176.1000, 31.9957,
4.2973

■ 196.1570, 22.1076,
2.4933

■ 215.6270, 12.5089,
1.2041

■ 235.3960, 2.7628,
0.5297

■ 253.1050, -5.9678,
0.7849

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



93.6400, 79.5505, -82.1223



98.2200, 70.3905, 9.4541



82.2840, 43.7370, 112.0069

Triad

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



98.2200, 70.3905, 9.4541



93.1270, -45.9116, 72.6796



91.1640, 14.2161, -79.9508

Complementary

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



98.2200, 70.3905, 9.4541



207.7800, -70.3905, -9.4541

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.



78.3450, -27.2851, -68.7086



98.2200, 70.3905, 9.4541



94.8130, -46.7428, 12.4420

Square

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



98.2200, 70.3905, 9.4541



66.6770, -32.8718, 137.0953



71.6140, -35.3057, -62.8055



101.8000, 49.8916, -89.2786

Rectangle

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



98.2200, 70.3905, 9.4541



83.4890, 16.0279, 132.8751



71.6140, -35.3057, -62.8055



87.7440, 1.1122, -76.9515

Sweetspot

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



98.2200, 70.3905, 9.4541



209.5700, 22.3970, 3.0081



162.5480, 38.6768, -85.5496



100.5670, 13.5245, 2.1337



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.



98.2200, 70.3905, 9.4541



73.2800, 89.5880, 12.0324



124.5320, 57.4187, 63.5544



110.2650, 4.7994, 0.6446



34.7300, 73.5901, 9.8838



10.5700, 22.3970, 3.0081

Inverse Universe

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



132.6720, 31.7137, 95.0037



117.1280, 40.3629, 120.9137



181.4680, -57.4187, -63.5544



112.6140, 2.1623, 6.4775



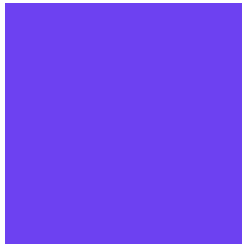
70.7480, 33.1552, 99.3220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 98.2200, 70.3905, 9.4541 looks on a white background.

Color Contrast Check

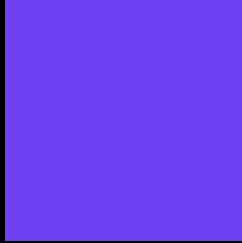
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.2200, 70.3905, 9.4541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

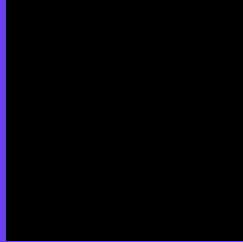
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.2200, 70.3905, 9.4541

Background



This preview shows how black text looks on a background with the YUV color 98.2200, 70.3905, 9.4541.



This preview shows how white text looks on a background with the YUV color 98.2200, 70.3905,

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

98.2200, 70.3905, 9.4541

Protanopia

81.1240, 62.0569, -71.1457

Deuteranopia

81.9270, 47.3640, -71.8500



Tritanopia

97.0550, 9.8329, -27.2352

Trichromacy



Original Color

98.2200, 70.3905, 9.4541



Protanomaly

87.4080, 64.8749, -41.5768



Deuteranomaly

87.7040, 55.8549, -41.8364



Tritanomaly

97.5770, 31.7605, -13.6610

Monochromacy



Original Color

98.2200, 70.3905, 9.4541



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.0800, 25.5966, 3.4378

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.2200, 70.3905, 9.4541 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(109, 65, 241)` looks like.

```
.text, #text, p{  
    color:rgb(109, 65, 241)  
}
```

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(109, 65, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 65, 241) }
```

Border

The CSS property to change the border of an element to YUV 98.2200, 70.3905, 9.4541 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(109, 65, 241) }
```


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

```
.border{ border-color:rgb(109, 65, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 65, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 65, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 65, 241);  
box-shadow:4px 4px 4px 4px rgb(109, 65,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 98.2200, 70.3905, 9.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 65, 241) }
```

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

```
.background{ background-color: rgb(109, 65,  
241) }
```

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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