

Converting Colors

YUV(98.0570, 50.7509, 8.7200)

Have a look what the booklet for
YUV(98.0570, 50.7509, 8.7200)
contains.

YUV(98.0570, 50.7509, 8.7200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.0570, 50.7509,
8.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	6C49C9
RGB	108, 73, 201
RGB Percent	42%, 29%, 79%
CMY	0.5765, 0.7137, 0.2118
CMYK	0.46, 0.64, 0.00, 0.21
HSL	256°, 54%, 54%
HSV	256°, 64%, 79%
XYZ	19.1095, 12.1703, 56.6003
YIQ	98.0570, -20.2280, 47.2280

Conversions

Conversions Part 2

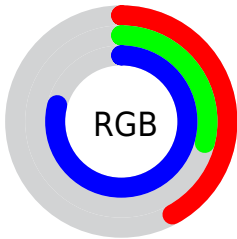
Format	Color
R_{YB}	108, 73, 201
Decimal	7096777
CIE _{Lab}	41.49, 45.13, -61.70
CIE _{LCh}	41, 76.443, 306.185
Yxy	12.1703, 0.2174, 0.1385
Android (android.graphics.Color)	4285286857 (0xFF6C49C9)
YUV	98.0570, 50.7509, 8.7200
Hunter-Lab	34.8859, 36.7268, -71.7742

Details

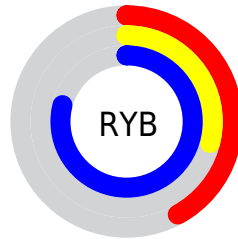
The YUV color **98.0570, 50.7509, 8.7200** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **175.9430, -50.7509, -8.7200**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9050, 51.3188, 13.2383**, and **45.3720, 49.6096, 1.4278** is the 20% darker color. If you saturate the color by 10%, you get **81.8320, 58.7498, 9.7943**, and if you desaturate by 10%, it is **114.2820, 42.7520, 7.6457**.

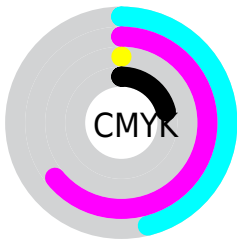
Distribution



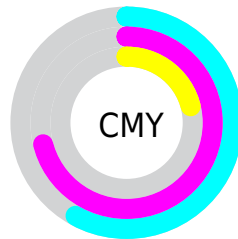
- Red (42%)
- Green (29%)
- Blue (79%)



- Red (42%)
- Yellow (29%)
- Blue (79%)



- Cyan (46%)
- Magenta (64%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (71%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.0570, 50.7509, 8.7200 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 98.0570, 50.7509, 8.7200 by changing the saturation by 10% instead.

■ 98.0570, 50.7509,
8.7200

■ 98.0570, 50.7509,
8.7200

■ 255.0000, 0.0000,
0.0000

■ 72.1060, 49.7407,
6.0460

■ 150.9050, 51.3188,
13.2383

■ 45.3720, 49.6096,
1.4278

■ 175.4250, 39.2305,
17.1673

■ 13.5660, 51.9790,
-11.8974

■ 199.9450, 27.1421,
21.0962

■ 10.7160, 41.0590,
-9.3979

■ 225.3510, 14.6170,
25.1252

■ 8.4530, 29.8497,
-7.4133

■ 242.0860, 6.3666,
11.3256

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 98.0570, 50.7509,
8.7200

■ 98.0570, 50.7509,
8.7200

■ 81.8320, 58.7498,
9.7943

■ 114.2820, 42.7520,
7.6457

■ 65.9060, 66.6013,
11.4834

■ 130.2080, 34.9005,
5.9566

■ 49.6810, 74.6003,
12.5578

■ 146.4330, 26.9015,
4.8823

■ 39.3590, 79.6890,
13.7172

■ 162.3590, 19.0500,
3.1932

■ 179.1710, 10.7617,
1.6040

■ 195.3960, 2.7628,
0.5297

■ 211.3220, -5.0887,
-1.1594

■ 227.5470,
-13.0877, -2.2337

■ 243.4730,
-20.9392, -3.9228

Harmonies

Analogous

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



86.1110, 68.4723, -75.5193



98.0570, 50.7509, 8.7200



79.1380, 34.9350, 88.4560

Triad

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



98.0570, 50.7509, 8.7200



90.9790, -44.8526, 59.6544



84.7410, 12.4527, -74.3179

Complementary

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



98.0570, 50.7509, 8.7200



175.9430, -50.7509, -8.7200

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.



75.2280, -16.3814, -65.9750



98.0570, 50.7509, 8.7200



91.2910, -45.0065, 15.5308

Square

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



98.0570, 50.7509, 8.7200



76.5200, -24.9064, 102.1530



76.4860, -37.7076, -39.0142



91.6950, 39.0974, -80.4165

Rectangle

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



98.0570, 50.7509, 8.7200



72.2260, 18.1296, 112.0578



76.4860, -37.7076, -39.0142



81.6460, 3.1325, -71.6035

Sweetspot

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



98.0570, 50.7509, 8.7200



216.3590, 19.0500, 3.1932



142.7700, 28.7074, -61.1883



103.8120, 11.9247, 1.9189



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.



98.0570, 50.7509, 8.7200



98.9630, 76.9262, 13.1874



116.8940, 41.4643, 47.4510



91.6240, 3.6364, 0.3298



32.0370, 64.5648, 11.3686



7.0940, 14.2507, 2.5486

Inverse Universe

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



121.8740, 21.7541, 69.3935



135.0800, 32.9916, 105.1698



157.1060, -41.4643, -47.4510



93.4890, 1.7309, 4.8331



62.3030, 27.9516, 88.3113



13.7280, 6.0501, 19.5325

Previews

White Background



This preview shows how the YUV color 98.0570, 50.7509, 8.7200 looks on a white background.

Color Contrast Check

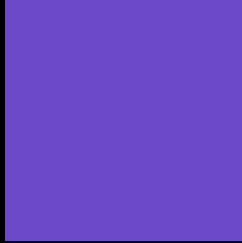
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.0570, 50.7509, 8.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

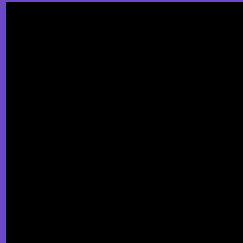
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.0570, 50.7509, 8.7200

Background



This preview shows how black text looks on a background with the YUV color 98.0570, 50.7509, 8.7200.



This preview shows how white text looks on a background with the YUV color 98.0570, 50.7509,

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

98.0570, 50.7509, 8.7200

Protanopia

77.9780, 60.1568, -68.3867

Deuteranopia

78.5360, 47.0638, -68.8761



Tritanopia

96.1280, 5.8529, -10.6363

Trichromacy



Original Color

98.0570, 50.7509, 8.7200

Protanomaly

84.9430, 56.7231, -40.2920

Deuteranomaly

85.4670, 48.5768, -40.7516

Tritanomaly

96.8250, 22.2713, -3.3545

Monochromacy



Original Color

98.0570, 50.7509, 8.7200

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.1310, 18.1764, 3.3931

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.0570, 50.7509, 8.7200 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(108, 73, 201)` looks like.

```
.text, #text, p{  
    color:rgb(108, 73, 201)  
}
```

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(108, 73, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 73, 201) }
```

Border

The CSS property to change the border of an element to YUV 98.0570, 50.7509, 8.7200 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(108, 73, 201) }
```


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

```
.border{ border-color:rgb(108, 73, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 73, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 73, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 73, 201);  
box-shadow:4px 4px 4px 4px rgb(108, 73,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 98.0570, 50.7509, 8.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 73, 201) }
```

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

```
.background{ background-color: rgb(108, 73,  
201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor