

Converting Colors

YUV(151.5730, 21.4095,
39.8395)

Have a look what the booklet for
YUV(151.5730, 21.4095, 39.8395)
contains.

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Color

**YUV(151.5730, 21.4095,
39.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	C578C3
RGB	197, 120, 195
RGB Percent	77%, 47%, 76%
CMY	0.2275, 0.5294, 0.2353
CMYK	0.00, 0.39, 0.01, 0.23
HSL	302°, 40%, 62%
HSV	302°, 39%, 77%
XYZ	39.5928, 29.2434, 55.1875
YIQ	151.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

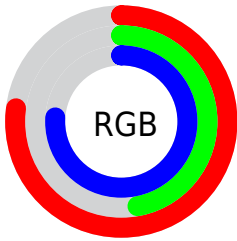
Format	Color
R_{YB}	197, 120, 195
Decimal	12941507
CIE _{Lab}	61.00, 41.54, -26.71
CIE _{LCh}	61, 49.386, 327.259
Yxy	29.2434, 0.3192, 0.2358
Android (android.graphics.Color)	4291131587 (0xFFC578C3)
YUV	151.5730, 21.4095, 39.8395
Hunter-Lab	54.0772, 36.0543, -22.6534

Details

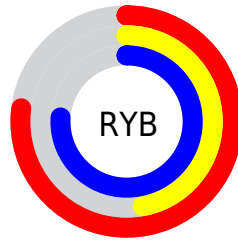
The YUV color **151.5730, 21.4095, 39.8395** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.4270, -21.4095, -39.8395**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1110, 22.1303, 41.9987**, and **99.0350, 20.6887, 37.6803** is the 20% darker color. If you saturate the color by 10%, you get **139.7190, 26.7605, 50.2354**, and if you desaturate by 10%, it is **163.4270, 16.0585, 29.4435**.

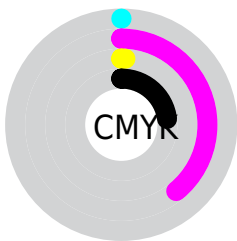
Distribution



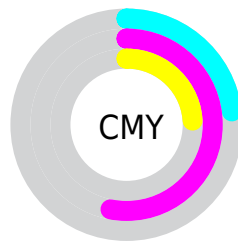
- Red (77%)
- Green (47%)
- Blue (76%)



- Red (77%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.5730, 21.4095, 39.8395 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 151.5730, 21.4095, 39.8395 by changing the saturation by 10% instead.


 151.5730, 21.4095,
39.8395


 151.5730, 21.4095,
39.8395


255.0000, 0.0000,
0.0000

 124.8610, 21.2675,
38.7099


 207.1110, 22.1303,
41.9987


 99.0350, 20.6887,
37.6803


 223.8890, 15.3377,
27.2843

 72.7360, 20.8362,
37.0655

 240.3250, 7.2348,
12.8700

 46.3770, 21.9991,
37.3804

 26.7740, 19.8314,
32.6472

 17.8730, 12.8806,
22.0364

 2.6220, 10.0464,

-2.2995

■ 0.0000, 0.0000,
0.0000

■ 151.5730, 21.4095,
39.8395

■ 151.5730, 21.4095,
39.8395

■ 139.7190, 26.7605,
50.2354

■ 163.4270, 16.0585,
29.4435

■ 128.5660, 32.2590,
60.0166

■ 174.5800, 10.5601,
19.6623

■ 116.7120, 37.6100,
70.4126

■ 186.4340, 5.2090,
9.2664

■ 104.9720, 43.3978,
80.7086

■ 198.1740, -0.5788,
-1.0296

■ 93.7050, 48.4594,
90.5897

■ 210.0280, -5.9298,
-11.4256

■ 81.9650, 54.2473,
100.8857

■ 221.1810,
-11.4282, -21.2067

■ 80.7910, 54.8260,
101.9153

■ 231.2740,
-15.9111, -30.0583

■ 231.3880,
-15.4743, -30.1583

Harmonies

Analogous

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



148.8260, 37.5538, -5.1094



151.5730, 21.4095, 39.8395



148.4010, 2.2673, 66.3003

Triad

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



151.5730, 21.4095, 39.8395



142.6500, -42.7184, 28.3710



119.8200, 32.6267, -105.0821

Complementary

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



151.5730, 21.4095, 39.8395



165.4270, -21.4095, -39.8395

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.



115.3910, 13.1182, -101.1979



151.5730, 21.4095, 39.8395



138.5640, -35.7741, -5.7566

Square

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



151.5730, 21.4095, 39.8395



145.4760, -35.2377, 55.7105



130.7510, -16.1462, -48.0166



121.3480, 48.6354, -106.4222

Rectangle

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



151.5730, 21.4095, 39.8395



147.1770, -11.4263, 71.7588



130.7510, -16.1462, -48.0166



118.8110, 26.2222, -104.1972

Sweetspot

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



151.5730, 21.4095, 39.8395



236.6890, 8.5343, 16.0587



129.0770, 33.4860, -7.0835



117.3200, 4.7722, 9.3664



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.



151.5730, 21.4095, 39.8395



184.2180, 33.4165, 62.0758



147.2410, 4.8112, 43.6386



93.7170, 2.6045, 4.6332



66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Inverse Universe

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



151.5730, 21.4095, 39.8395



184.2180, 33.4165, 62.0758



169.7590, -4.8112, -43.6386



93.7170, 2.6045, 4.6332



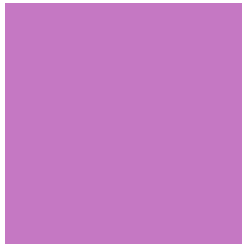
66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 151.5730, 21.4095, 39.8395 looks on a white background.

Color Contrast Check

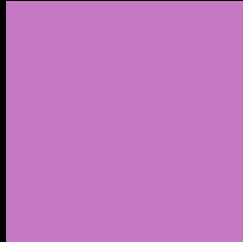
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 151.5730, 21.4095, 39.8395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

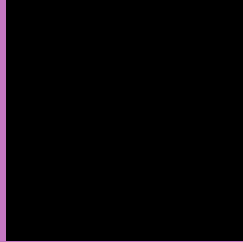
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.5730, 21.4095, 39.8395 Background



This preview shows how black text looks on a background with the YUV color 151.5730, 21.4095, 39.8395.



This preview shows how white text looks on a background with the YUV color 151.5730, 21.4095,

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

151.5730, 21.4095, 39.8395

Protanopia

147.0000, 33.5240, -19.2940

Deuteranopia

148.3360, 20.5404, -8.1877



Tritanopia

149.7810, -4.3290, 35.2721

Trichromacy



Original Color

151.5730, 21.4095, 39.8395



Protanomaly

148.6930, 29.2384, 2.0232



Deuteranomaly

149.5600, 20.9229, 9.1559



Tritanomaly

150.6100, 5.1223, 37.1760

Monochromacy



Original Color

151.5730, 21.4095, 39.8395



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.5640, 8.1029, 14.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.5730, 21.4095, 39.8395 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(197, 120, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 120, 195)  
}
```

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(197, 120, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 120, 195) }
```

Border

The CSS property to change the border of an element to YUV 151.5730, 21.4095, 39.8395 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(197, 120, 195) }
```


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

```
.border{ border-color:rgb(197, 120, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 120, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 120, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 120, 195);  
box-shadow:4px 4px 4px 4px rgb(197, 120,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 151.5730, 21.4095, 39.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 120, 195) }
```

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

```
.background{ background-color: rgb(197,  
120, 195) }
```

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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