

Converting Colors

YUV(151.1710, 21.1147,
41.0690)

Have a look what the booklet for
YUV(151.1710, 21.1147, 41.0690)
contains.

YUV(151.1710, 21.1147, 41.0690)	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(151.1710, 21.1147,
41.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	C677C2
RGB	198, 119, 194
RGB Percent	78%, 47%, 76%
CMY	0.2235, 0.5333, 0.2392
CMYK	0.00, 0.40, 0.02, 0.22
HSL	303°, 41%, 62%
HSV	303°, 40%, 78%
XYZ	39.6231, 29.0945, 54.5664
YIQ	151.1710, 23.0090, 40.0730

Conversions

Conversions Part 2

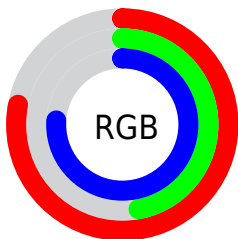
Format	Color
R _{YB}	198, 119, 194
Decimal	13006786
CIE _{Lab}	60.86, 42.20, -26.34
CIE _{LCh}	61, 49.743, 328.033
Yxy	29.0945, 0.3214, 0.2360
Android (android.graphics.Color)	4291196866 (0xFFC677C2)
YUV	151.1710, 21.1147, 41.0690
Hunter-Lab	53.9393, 36.7302, -22.2218

Details

The YUV color **151.1710, 21.1147, 41.0690** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.8290, -21.1147, -41.0690**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4100, 21.9829, 42.6134**, and **98.6330, 20.3939, 38.9099** is the 20% darker color. If you saturate the color by 10%, you get **139.3170, 26.4657, 51.4650**, and if you desaturate by 10%, it is **163.0250, 15.7637, 30.6731**.

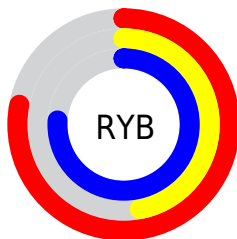
Distribution



Red (78%)

Green (47%)

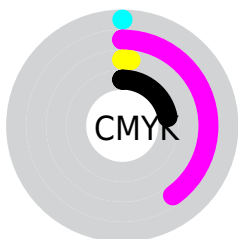
Blue (76%)



Red (78%)

Yellow (47%)

Blue (76%)

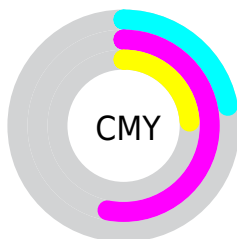


Cyan (0%)

Magenta (40%)

Yellow (2%)

Black (22%)



Cyan (22%)


Magenta (53%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.1710, 21.1147, 41.0690 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 151.1710, 21.1147, 41.0690 by changing the saturation by 10% instead.


 151.1710, 21.1147,
41.0690


 151.1710, 21.1147,
41.0690


255.0000, 0.0000,
0.0000

 124.4590, 20.9727,
39.9395


 206.4100, 21.9829,
42.6134


 98.6330, 20.3939,
38.9099


 223.3020, 15.6271,
27.7991

 72.3340, 20.5413,
38.2951

 239.7380, 7.5242,
13.3848

 45.3880, 21.9937,
39.1247

 26.9590, 19.2472,
33.3620

 17.8730, 12.8806,
22.0364

 2.5080, 9.6096,

-2.1995

0.0000, 0.0000,
0.0000

151.1710, 21.1147,
41.0690

151.1710, 21.1147,
41.0690

139.3170, 26.4657,
51.4650

163.0250, 15.7637,
30.6731

127.4630, 31.8167,
61.8609

174.8790, 10.4127,
20.2771

116.1960, 36.8784,
71.7421

186.1460, 5.3510,
10.3960

104.3420, 42.2294,
82.1381

198.0000, 0.0000,
0.0000

92.4880, 47.5804,
92.5340

209.8540, -5.3510,
-10.3960

■ 80.6340, 52.9314,
102.9300

■ 221.7080,
-10.7020, -20.7919

■ 231.8010,
-15.1849, -29.6435

■ 231.9150,
-14.7481, -29.7435

■ 232.0290,
-14.3113, -29.8434

Harmonies

Analogous

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



148.5380, 37.6958, -3.9798



151.1710, 21.1147, 41.0690



148.5860, 1.6831, 67.0151

Triad

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



151.1710, 21.1147, 41.0690



142.8240, -43.2972, 27.3414



119.9340, 33.0635, -105.1821

Complementary

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



151.1710, 21.1147, 41.0690



165.8290, -21.1147, -41.0690

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.



114.8040, 13.4076, -100.6831



151.1710, 21.1147, 41.0690



137.8520, -35.9160, -6.8862

Square

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



151.1710, 21.1147, 41.0690



145.0630, -35.5271, 55.1957



129.8540, -15.7040, -49.8610



120.8750, 49.3616, -106.0074

Rectangle

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



151.1710, 21.1147, 41.0690



146.9490, -12.2999, 71.9587



129.8540, -15.7040, -49.8610



118.9250, 26.6590, -104.2972

Sweetspot

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



151.1710, 21.1147, 41.0690



236.5750, 8.0975, 16.1587



129.2020, 33.9174, -5.4392



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.



151.1710, 21.1147, 41.0690



182.7020, 32.6849, 63.4053



146.7250, 4.0796, 44.9682



93.7170, 2.6045, 4.6332



66.4070, 43.6763, 84.7121



14.6400, 9.5445, 18.7327

Inverse Universe

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



151.1710, 21.1147, 41.0690



182.7020, 32.6849, 63.4053



170.2750, -4.0796, -44.9682



93.7170, 2.6045, 4.6332



66.4070, 43.6763, 84.7121



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 151.1710, 21.1147, 41.0690 looks on a white background.

Color Contrast Check

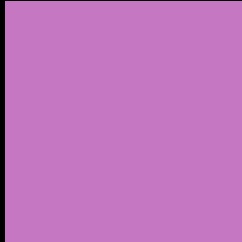
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.1710, 21.1147, 41.0690 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 151.1710, 21.1147, 41.0690

Background



This preview shows how black text looks on a background with the YUV color 151.1710, 21.1147, 41.0690.



This preview shows how white text looks on a background with the YUV color 151.1710, 21.1147,

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

151.1710, 21.1147, 41.0690

Protanopia

146.8860, 33.0872, -19.1940

Deuteranopia

148.2220, 20.1036, -8.0877



Tritanopia

149.3790, -4.6238, 36.5016

Trichromacy



Original Color

151.1710, 21.1147, 41.0690



Protanomaly

148.8780, 28.6541, 2.7380



Deuteranomaly

149.4460, 20.4861, 9.2559



Tritanomaly

150.2080, 4.8275, 38.4056

Monochromacy



Original Color

151.1710, 21.1147, 41.0690



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.8630, 7.9555, 15.0291

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.1710, 21.1147, 41.0690 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(198, 119, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 119, 194)  
}
```

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(198, 119, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 119, 194) }
```

Border

The CSS property to change the border of an element to YUV 151.1710, 21.1147, 41.0690 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(198, 119, 194) }
```


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

```
.border{ border-color:rgb(198, 119, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 119, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 119, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 119, 194);  
box-shadow:4px 4px 4px 4px rgb(198, 119,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 151.1710, 21.1147, 41.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 119, 194) }
```

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

```
.background{ background-color: rgb(198,  
119, 194) }
```

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