

Converting Colors

YUV(149.6760, 21.8517,
37.9951)

Have a look what the booklet for
YUV(149.6760, 21.8517, 37.9951)
contains.

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Color

**YUV(149.6760, 21.8517,
37.9951)**

Conversions

Conversions Part 1

Format	Color
Hex	C177C2
RGB	193, 119, 194
RGB Percent	76%, 47%, 76%
CMY	0.2431, 0.5333, 0.2392
CMYK	0.01, 0.39, 0.00, 0.24
HSL	299°, 38%, 61%
HSV	299°, 39%, 76%
XYZ	38.3267, 28.4261, 54.5057
YIQ	149.6760, 20.0290, 39.0130

Conversions

Conversions Part 2

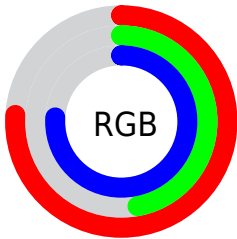
Format	Color
R_{YB}	193, 119, 194
Decimal	12679106
CIE _{Lab}	60.27, 40.64, -27.30
CIE _{LCh}	60, 48.956, 326.108
Yxy	28.4261, 0.3161, 0.2344
Android (android.graphics.Color)	4290869186 (0xFFC177C2)
YUV	149.6760, 21.8517, 37.9951
Hunter-Lab	53.3162, 35.0128, -23.2915

Details

The YUV color **149.6760, 21.8517, 37.9951** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.3240, -21.8517, -37.9951**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2140, 22.5725, 40.1543**, and **97.1380, 21.1310, 35.8360** is the 20% darker color. If you saturate the color by 10%, you get **138.5230, 27.3502, 47.7763**, and if you desaturate by 10%, it is **160.8290, 16.3533, 28.2140**.

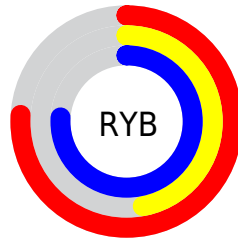
Distribution



Red (76%)

Green (47%)

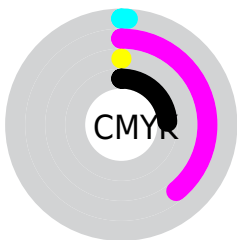
Blue (76%)



Red (76%)

Yellow (47%)

Blue (76%)

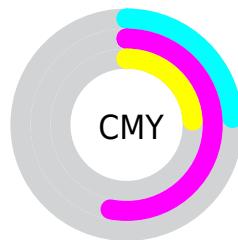


Cyan (1%)

Magenta (39%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.6760, 21.8517, 37.9951 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 149.6760, 21.8517, 37.9951 by changing the saturation by 10% instead.


 149.6760, 21.8517,
37.9951


 149.6760, 21.8517,
37.9951


255.0000, 0.0000,
0.0000

 122.9640, 21.7097,
36.8656


 205.2140, 22.5725,
40.1543


 97.1380, 21.1310,
35.8360


 223.3020, 15.6271,
27.7991

 71.4260, 20.9890,
34.7064

 239.7380, 7.5242,
13.3848

 45.3660, 22.0046,
35.6360

 25.7630, 19.8368,
30.9028

 16.9760, 13.3228,
20.1920

 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 149.6760, 21.8517,
37.9951

■ 149.6760, 21.8517,
37.9951

■ 138.5230, 27.3502,
47.7763

■ 160.8290, 16.3533,
28.2140

■ 126.4840, 33.2854,
57.4575

■ 172.8680, 10.4181,
18.5328

■ 115.3310, 38.7838,
67.2387

■ 184.0210, 4.9196,
8.7516

■ 103.5910, 44.5716,
77.5347

■ 195.7610, -0.8682,
-1.5444

■ 92.4380, 50.0701,
87.3159

■ 206.9140, -6.3666,
-11.3256

■ 80.9860, 55.7159,
96.4823

■ 218.3660,
-12.0124, -20.4920

■ 79.2250, 56.5841,
98.0267

■ 230.1060,
-17.8003, -30.7880

Harmonies

Analogous

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



146.5160, 37.7066, -7.4685



149.6760, 21.8517, 37.9951



146.9170, 2.9989, 64.9708

Triad

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



149.6760, 21.8517, 37.9951



141.3620, -42.5765, 29.5005



118.1900, 31.4583, -103.6526

Complementary

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



149.6760, 21.8517, 37.9951



163.3240, -21.8517, -37.9951

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.



113.1740, 12.2392, -99.2536



149.6760, 21.8517, 37.9951



137.1620, -36.0689, -4.5271

Square

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



149.6760, 21.8517, 37.9951



143.7040, -34.3641, 55.5106



129.2460, -16.8833, -44.9427



119.7180, 47.4670, -104.9927

Rectangle

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



149.6760, 21.8517, 37.9951



145.6930, -10.6946, 70.4292



129.2460, -16.8833, -44.9427



117.1810, 25.0538, -102.7677

Sweetspot

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



149.6760, 21.8517, 37.9951



234.3900, 8.6817, 15.4440



128.1370, 32.4705, -8.0131



117.1350, 5.3564, 8.6516



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.



149.6760, 21.8517, 37.9951



183.6090, 33.7168, 59.1019



145.8710, 5.9796, 42.2091



91.1300, 2.8939, 5.1480



65.8950, 46.8868, 81.6531



13.6290, 9.5499, 16.9884

Inverse Universe

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



141.5390, -10.6187, 46.0083



170.9120, -16.2256, 71.1142



167.1290, -5.9796, -42.2091



89.9900, -1.4741, 6.1478



48.3670, -22.8589, 98.7791



9.8670, -4.8644, 20.2876

Previews

White Background



This preview shows how the YUV color 149.6760, 21.8517, 37.9951 looks on a white background.

Color Contrast Check

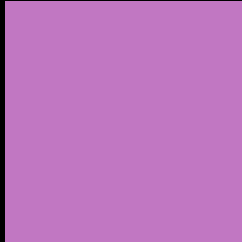
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.6760, 21.8517, 37.9951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

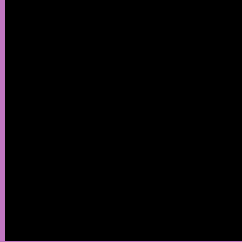
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.6760, 21.8517, 37.9951

Background



This preview shows how black text looks on a background with the YUV color 149.6760, 21.8517, 37.9951.



This preview shows how white text looks on a background with the YUV color 149.6760, 21.8517, 37.9951.

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

149.6760, 21.8517, 37.9951

Protanopia

145.0000, 33.5240, -19.2940

Deuteranopia

146.2650, 21.5614, -9.0024



Tritanopia

147.8840, -3.8868, 33.4277

Trichromacy



Original Color

149.6760, 21.8517, 37.9951



Protanomaly

146.3940, 29.3858, 1.4085



Deuteranomaly

147.3750, 21.5071, 8.4411



Tritanomaly

148.7130, 5.5645, 35.3317

Monochromacy



Original Color

149.6760, 21.8517, 37.9951



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.1510, 7.8136, 13.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.6760, 21.8517, 37.9951 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(193, 119, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 119, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 119, 194) }
```

Border

The CSS property to change the border of an element to YUV 149.6760, 21.8517, 37.9951 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(193, 119, 194) }
```


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

```
.border{ border-color:rgb(193, 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(193, 119, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 119, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 119, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 119,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 149.6760, 21.8517, 37.9951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 119, 194) }
```

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

```
.background{ background-color: rgb(193,  
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](#).

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