

Converting Colors

YUV(159.7370, 19.3567,
44.9577)

Have a look what the booklet for
YUV(159.7370, 19.3567, 44.9577)
contains.

YUV(159.7370, 19.3567, 44.9577)	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(159.7370, 19.3567,
44.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	D37EC7
RGB	211, 126, 199
RGB Percent	83%, 49%, 78%
CMY	0.1725, 0.5059, 0.2196
CMYK	0.00, 0.40, 0.06, 0.17
HSL	308°, 49%, 66%
HSV	308°, 40%, 83%
XYZ	44.6336, 32.8941, 58.0296
YIQ	159.7370, 27.2270, 40.7230

Conversions

Conversions Part 2

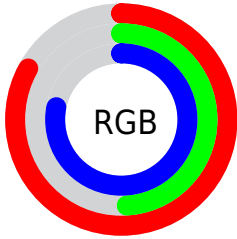
Format	Color
R _Y B	211, 126, 199
Decimal	13860551
CIE Lab	64.08, 43.49, -24.09
CIE LCh	64, 49.714, 331.012
Yxy	32.8941, 0.3293, 0.2427
Android (android.graphics.Color)	4292050631 (0xFFD37EC7)
YUV	159.7370, 19.3567, 44.9577
Hunter-Lab	57.3534, 38.5441, -19.8416

Details

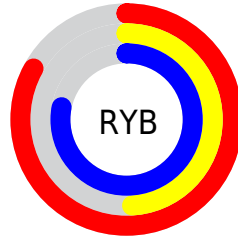
The YUV color **159.7370, 19.3567, 44.9577** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **177.2630, -19.3567, -44.9577**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9750, 21.7043, 38.6099**, and **106.3130, 19.0727, 42.6985** is the 20% darker color. If you saturate the color by 10%, you get **147.0680, 24.1235, 56.0684**, and if you desaturate by 10%, it is **172.4060, 14.5898, 33.8469**.

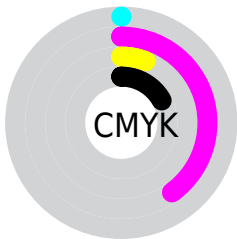
Distribution



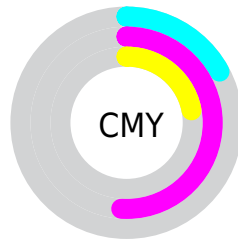
- Red (83%)
- Green (49%)
- Blue (78%)



- Red (83%)
- Yellow (49%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7370, 19.3567, 44.9577 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 159.7370, 19.3567, 44.9577 by changing the saturation by 10% instead.

159.7370, 19.3567,
44.9577

159.7370, 19.3567,
44.9577

255.0000, 0.0000,
0.0000

133.0250, 19.2147,
43.8281

210.9750, 21.7043,
38.6099

106.3130, 19.0727,
42.6985

227.9980, 13.3120,
23.6808

80.0140, 19.2201,
42.0837

244.4340, 5.2090,
9.2664

53.2420, 20.0937,
41.8838

30.7040, 19.3729,
39.7246

20.7210, 13.4485,
26.5547

10.1400, 7.8190,

12.1552

■ 0.0000, 0.0000,
0.0000

■ 159.7370, 19.3567,
44.9577

■ 159.7370, 19.3567,
44.9577

■ 147.0680, 24.1235,
56.0684

■ 172.4060, 14.5898,
33.8469

■ 134.3990, 28.8903,
67.1791

■ 185.0750, 9.8230,
22.7362

■ 121.7300, 33.6571,
78.2898

■ 197.7440, 5.0562,
11.6255

■ 109.0610, 38.4239,
89.4005

■ 210.4130, 0.2894,
0.5148

■ 96.3920, 43.1907,
100.5112

■ 223.0820, -4.4774,
-10.5959

■ 83.7230, 47.9576,
111.6219

■ 236.3380, -9.5336,
-22.2214

■ 237.8540, -8.8020,
-23.5510

■ 238.1960, -7.4916,
-23.8509

■ 238.5380, -6.1812,
-24.1508

Harmonies

Analogous

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



158.1150, 35.9323, 1.6531



159.7370, 19.3567, 44.9577



157.0270, -0.5063, 69.2593

Triad

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



159.7370, 19.3567, 44.9577



150.5140, -43.1444, 24.9822



126.6990, 36.1374, -111.1150

Complementary

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



159.7370, 19.3567, 44.9577



177.2630, -19.3567, -44.9577

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.



121.5690, 16.4815, -106.6160



159.7370, 19.3567, 44.9577



146.1720, -34.5948, -10.6748

Square

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



159.7370, 19.3567, 44.9577



153.5960, -37.2688, 53.8513



137.2170, -12.9250, -54.5643



126.8250, 51.8513, -111.2255

Rectangle

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



159.7370, 19.3567, 44.9577



155.3790, -14.4838, 72.4586



137.2170, -12.9250, -54.5643



125.1030, 30.0222, -109.7153

Sweetspot

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



159.7370, 19.3567, 44.9577



236.3470, 7.2239, 16.3587



138.9790, 35.5064, -1.7356



117.0920, 3.8986, 9.5663



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.



159.7370, 19.3567, 44.9577



181.4480, 27.8801, 64.5051



154.9490, 1.0111, 49.1567



98.3150, 2.3097, 5.8627



66.7620, 38.5713, 88.7857



16.2490, 9.2442, 21.7066

Inverse Universe

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



159.7370, 19.3567, 44.9577



181.4480, 27.8801, 64.5051



182.0510, -1.0111, -49.1567



98.3150, 2.3097, 5.8627



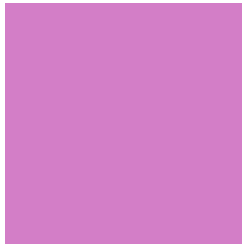
66.7620, 38.5713, 88.7857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 159.7370, 19.3567, 44.9577 looks on a white background.

Color Contrast Check

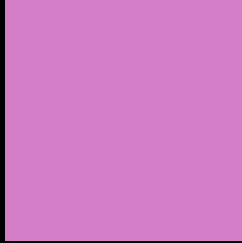
Large Text (above 18pt) WCAG AA × Fail

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 159.7370, 19.3567, 44.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

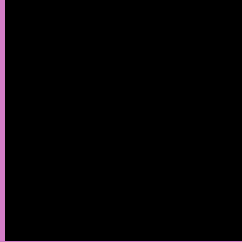
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.7370, 19.3567, 44.9577

Background



This preview shows how black text looks on a background with the YUV color 159.7370, 19.3567, 44.9577.



This preview shows how white text looks on a background with the YUV color 159.7370, 19.3567,

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

159.7370, 19.3567, 44.9577

Protanopia

155.2560, 31.9188, -17.7645

Deuteranopia

157.0760, 18.2035, -5.3287



Tritanopia

158.4720, -5.6557, 40.8051

Trichromacy



Original Color

159.7370, 19.3567, 44.9577



Protanomaly

156.8460, 27.1909, 5.3971



Deuteranomaly

158.0120, 18.7281, 13.1445



Tritanomaly

158.8880, 3.5062, 42.1942

Monochromacy



Original Color

159.7370, 19.3567, 44.9577



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.2330, 6.7871, 16.4587

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7370, 19.3567, 44.9577 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(211, 126, 199)` looks like.

```
.text, #text, p{  
    color:rgb(211, 126, 199)  
}
```

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(211, 126, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 126, 199) }
```

Border

The CSS property to change the border of an element to YUV 159.7370, 19.3567, 44.9577 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(211, 126, 199) }
```


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

```
.border{ border-color:rgb(211, 126, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 126, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 126, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 126, 199);  
box-shadow:4px 4px 4px 4px rgb(211, 126,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 159.7370, 19.3567, 44.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 126, 199) }
```

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

```
.background{ background-color: rgb(211,  
126, 199) }
```

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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