

Converting Colors

YUV(177.8540, 21.7640,
19.4220)

Have a look what the booklet for
YUV(177.8540, 21.7640, 19.4220)
contains.

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Color

**YUV(177.8540, 21.7640,
19.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	C89EDE
RGB	200, 158, 222
RGB Percent	78%, 62%, 87%
CMY	0.2157, 0.3804, 0.1294
CMYK	0.10, 0.29, 0.00, 0.13
HSL	279°, 49%, 75%
HSV	279°, 29%, 87%
XYZ	49.2311, 42.0070, 74.6206
YIQ	177.8540, 4.4880, 28.8080

Conversions

Conversions Part 2

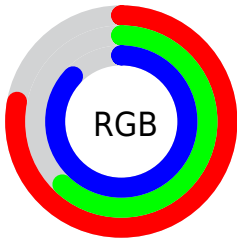
Format	Color
R_{YB}	200, 158, 222
Decimal	13147870
CIE _{Lab}	70.88, 27.08, -26.55
CIE _{LCh}	71, 37.923, 315.574
Yxy	42.0070, 0.2968, 0.2533
Android (android.graphics.Color)	4291337950 (0xFFC89EDE)
YUV	177.8540, 21.7640, 19.4220
Hunter-Lab	64.8128, 22.1642, -22.8931

Details

The YUV color **177.8540, 21.7640, 19.4220** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.1460, -21.7640, -19.4220**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **124.6150, 20.8958, 17.8776** is the 20% darker color. If you saturate the color by 10%, you get **162.5480, 29.3098, 25.8294**, and if you desaturate by 10%, it is **193.1600, 14.2181, 13.0147**.

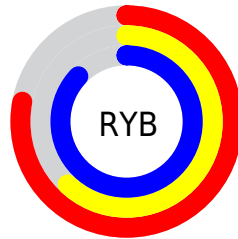
Distribution



Red (78%)

Green (62%)

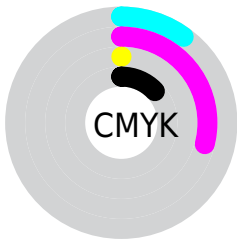
Blue (87%)



Red (78%)

Yellow (62%)

Blue (87%)

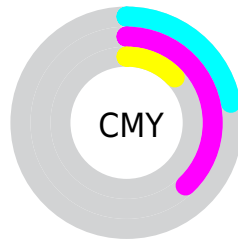


Cyan (10%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (22%)


Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 177.8540, 21.7640, 19.4220 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 177.8540, 21.7640, 19.4220 by changing the saturation by 10% instead.


 177.8540, 21.7640,
19.4220


 177.8540, 21.7640,
19.4220


255.0000, 0.0000,
0.0000


 151.0280, 21.1852,
18.3924


 230.3460, 12.1544,
21.6216


 124.6150, 20.8958,
17.8776

 246.7820, 4.0515,
7.2072

 99.6750, 19.8802,
16.9480

 75.1480, 19.1540,
16.5332

 51.4360, 19.0121,
15.4036

 28.6100, 18.4333,
14.3740

 13.0890, 15.2391,

12.1999

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 177.8540, 21.7640,
19.4220

■ 177.8540, 21.7640,
19.4220

■ 162.5480, 29.3098,
25.8294

■ 193.1600, 14.2181,
13.0147

■ 147.5410, 36.7083,
32.8515

■ 208.1670, 6.8197,
5.9925

■ 131.6480, 44.5435,
39.7737

■ 224.0600, -1.0156,
-0.9296

■ 116.3420, 52.0894,
46.1811

■ 239.3660, -8.5614,
-7.3370

101.3350, 59.4878,
53.2032

246.1550,
-11.9084, -7.1519

86.0290, 67.0337,
59.6106

248.5470,
-13.0877, -2.2337

71.0220, 74.4322,
66.6327

250.6400,
-14.1195, 2.0697

68.9620, 75.4477,
67.5623

251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



173.4840, 32.7924, -17.9645



177.8540, 21.7640, 19.4220



178.1210, 6.8423, 45.4979

Triad

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



177.8540, 21.7640, 19.4220



172.7290, -32.4044, 33.5637



148.2320, 21.0846, -89.6575

Complementary

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



177.8540, 21.7640, 19.4220



202.1460, -21.7640, -19.4220

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.



158.4910, -1.7211, -54.8046



177.8540, 21.7640, 19.4220



169.2050, -31.1601, 7.7132

Square

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



177.8540, 21.7640, 19.4220



174.4290, -23.8755, 51.3668



164.8790, -20.1533, -22.6959



146.7160, 37.1150, -97.9749

Rectangle

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



177.8540, 21.7640, 19.4220



176.6140, -4.2467, 55.5895



164.8790, -20.1533, -22.6959



151.9470, 13.3371, -78.0065

Sweetspot

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



177.8540, 21.7640, 19.4220



239.1070, 7.8352, 6.9222



178.2100, 21.5885, -17.7242



117.7000, 5.0779, 4.6481



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.



177.8540, 21.7640, 19.4220



193.4880, 30.3254, 26.7590



183.2920, 14.1530, 33.9469



104.3470, 3.7729, 3.2037



54.4490, 59.9246, 53.1032



15.0400, 16.2493, 14.8739

Inverse Universe

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



179.6440, 0.1755, 37.1462



196.0310, -0.0153, 51.7158



196.7080, -14.1530, -33.9469



104.7450, 0.1257, 6.3626



59.4640, 0.2642, 102.2021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 177.8540, 21.7640, 19.4220 looks on a white background.

Color Contrast Check

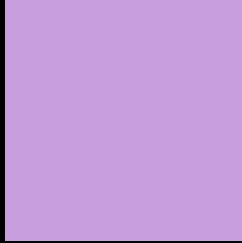
Large Text (above 18pt) WCAG AA × Fail

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 177.8540, 21.7640, 19.4220 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 177.8540, 21.7640, 19.4220

Background



This preview shows how black text looks on a background with the YUV color 177.8540, 21.7640, 19.4220.



This preview shows how white text looks on a background with the YUV color 177.8540, 21.7640,

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

177.8540, 21.7640, 19.4220

Protanopia

173.7680, 28.7084, -14.7055

Deuteranopia

174.8030, 22.2821, -6.8432



Tritanopia

175.5550, 1.6984, 15.2993

Trichromacy



Original Color

177.8540, 21.7640, 19.4220

Protanomaly

175.1610, 26.0496, -1.8952

Deuteranomaly

176.1570, 22.1076, 2.4933

Tritanomaly

176.5150, 9.1131, 17.0883

Monochromacy



Original Color

177.8540, 21.7640, 19.4220

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1070, 7.8352, 6.9222

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8540, 21.7640, 19.4220 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(200, 158, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 158, 222)  
}
```

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(200, 158, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 158, 222) }
```

Border

The CSS property to change the border of an element to YUV 177.8540, 21.7640, 19.4220 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(200, 158, 222) }
```


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

```
.border{ border-color:rgb(200, 158, 222) }
```

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

Here you see how a box with a 4 pixel rgb(200, 158, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 158, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 158, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 158,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 177.8540, 21.7640, 19.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 158, 222) }
```

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

```
.background{ background-color: rgb(200,  
158, 222) }
```

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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