

Converting Colors

YUV(192.5910, 30.7676,
24.9147)

Have a look what the booklet for
YUV(192.5910, 30.7676, 24.9147)
contains.

YUV(192.5910, 30.7676, 24.9147)	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(192.5910, 30.7676,
24.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA6FF
RGB	221, 166, 255
RGB Percent	87%, 65%, 100%
CMY	0.1333, 0.3490, 0.0000
CMYK	0.13, 0.35, 0.00, 0.00
HSL	277°, 100%, 83%
HSV	277°, 35%, 100%
XYZ	61.5050, 49.8646, 100.9909
YIQ	192.5910, 4.2110, 39.3390

Conversions

Conversions Part 2

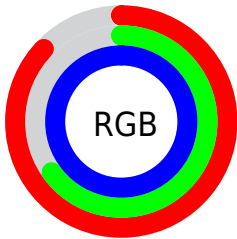
Format	Color
R _{YB}	221, 166, 255
Decimal	14526207
CIE Lab	75.99, 35.98, -36.45
CIE LCh	76, 51.219, 314.631
Yxy	49.8646, 0.2896, 0.2348
Android (android.graphics.Color)	4292716287 (0xFFDDA6FF)
YUV	192.5910, 30.7676, 24.9147
Hunter-Lab	70.6149, 31.8961, -35.3641

Details

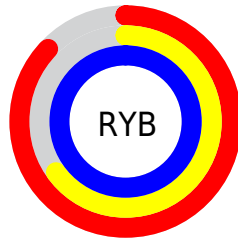
The YUV color **192.5910, 30.7676, 24.9147** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **228.4090, -30.7676, -24.9147**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6290, 9.5499, 16.9884**, and **138.2380, 29.4627, 23.4703** is the 20% darker color. If you saturate the color by 10%, you get **174.9260, 39.4765, 31.6369**, and if you desaturate by 10%, it is **210.8430, 21.7694, 17.6777**.

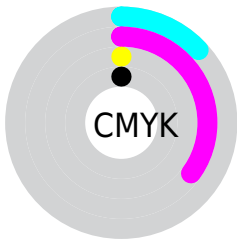
Distribution



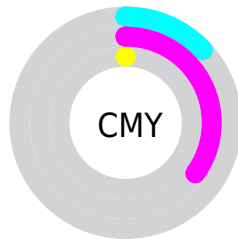
- Red (87%)
- Green (65%)
- Blue (100%)



- Red (87%)
- Yellow (65%)
- Blue (100%)



- Cyan (13%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 192.5910, 30.7676, 24.9147 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 192.5910, 30.7676, 24.9147 by changing the saturation by 10% instead.


 192.5910, 30.7676,
24.9147


 192.5910, 30.7676,
24.9147


255.0000, 0.0000,
0.0000


 165.0640, 30.0414,
24.4999


 235.6290, 9.5499,
16.9884


 138.2380, 29.4627,
23.4703

 252.0650, 1.4470,
2.5740

 112.2980, 28.4471,
22.5407

 87.1730, 28.0157,
20.8963

 62.3470, 27.4369,
19.8667

 37.3470, 27.4369,
19.8667

 18.3310, 24.9798,

14.6187

■ 7.3370, 19.0609,
-0.2955

■ 3.3230, 10.1938,
-2.9143

■ 192.5910, 30.7676,
24.9147

■ 192.5910, 30.7676,
24.9147

■ 174.9260, 39.4765,
31.6369

■ 210.8430, 21.7694,
17.6777

■ 156.9730, 48.3273,
39.4887

■ 228.2090, 13.2080,
10.3407

■ 139.3080, 57.0362,
46.2109

■ 246.4610, 4.2097,
3.1037

■ 121.0560, 66.0344,
53.4479

■ 255.0000, 0.0000,
0.0000

■ 102.8040, 75.0326,
60.6849

■ 85.4380, 83.5941,
68.0219

■ 76.3120, 88.0932,
71.6404

Harmonies

Analogous

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



182.5260, 35.7297, -26.7713



192.5910, 30.7676, 24.9147



189.2780, 12.1879, 57.6382

Triad

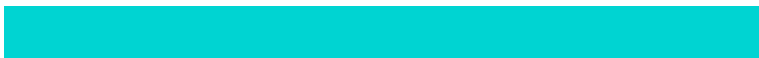
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



192.5910, 30.7676, 24.9147



185.0050, -44.3725, 45.5996



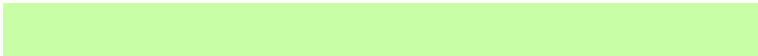
148.3840, 30.3767, -130.1328

Complementary

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



192.5910, 30.7676, 24.9147



228.4090, -30.7676, -24.9147

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.



161.9560, -0.4713, -82.3994



192.5910, 30.7676, 24.9147



181.0130, -43.3904, 10.5126

Square

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



192.5910, 30.7676, 24.9147



183.6000, -29.8758, 62.6178



174.7720, -27.9886, -29.6180



150.9380, 50.3166, -132.3726

Rectangle

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



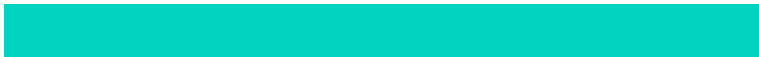
192.5910, 30.7676, 24.9147



183.8690, -0.9214, 62.3819



174.7720, -27.9886, -29.6180



146.4460, 22.9511, -128.4331

Sweetspot

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



192.5910, 30.7676, 24.9147



237.3350, 8.7088, 6.7222



196.1040, 29.0357, -26.4012



116.8140, 5.5147, 4.5481



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.



192.5910, 30.7676, 24.9147



179.9320, 37.0085, 29.8776



201.6170, 21.3878, 46.8169



118.8740, 4.4991, 3.6185



57.0560, 66.0344, 53.4479



18.9570, 22.2062, 17.5777

Inverse Universe

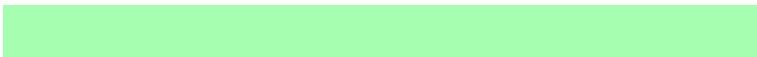
The Inverse Universe completely reimagines the original color for something new.



196.4870, 1.7319, 51.3159



184.6670, 2.1362, 61.6820



219.3830, -21.3878, -46.8169



119.4570, 0.2677, 7.4922



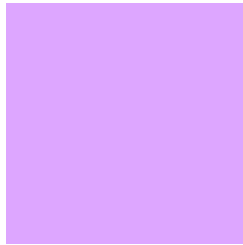
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 192.5910, 30.7676, 24.9147 looks on a white background.

Color Contrast Check

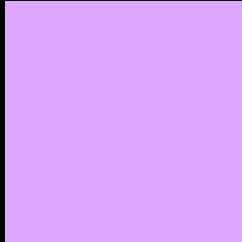
Large Text (above 18pt) WCAG AA × Fail

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 192.5910, 30.7676, 24.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

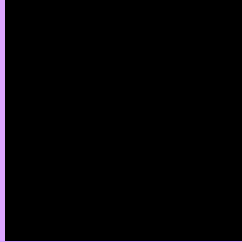
Any Text WCAG AA ✓ Pass

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 192.5910, 30.7676, 24.9147 Background



This preview shows how black text looks on a background with the YUV color 192.5910, 30.7676, 24.9147.



This preview shows how white text looks on a background with the YUV color 192.5910, 30.7676,

24.9147.

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

192.5910, 30.7676, 24.9147

Protanopia

187.2990, 33.3766, -18.6792

Deuteranopia

188.0390, 31.0398, -15.8202



Tritanopia

190.1640, 1.3981, 18.2732

Trichromacy



Original Color

192.5910, 30.7676, 24.9147



Protanomaly

189.1700, 32.4542, -2.7801



Deuteranomaly

189.7250, 30.7016, -0.6358

Tritanomaly

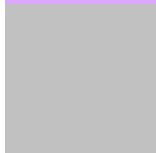
191.0470, 12.3018, 21.0068

Monochromacy



Original Color

192.5910, 30.7676, 24.9147



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

192.7420, 11.4662, 8.9963

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.5910, 30.7676, 24.9147 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(221, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 166, 255)  
}
```

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(221, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 166, 255) }
```

Border

The CSS property to change the border of an element to YUV 192.5910, 30.7676, 24.9147 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(221, 166, 255) }
```


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

```
.border{ border-color:rgb(221, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 166,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 192.5910, 30.7676, 24.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 166, 255) }
```

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

```
.background{ background-color: rgb(221,  
166, 255) }
```

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