

Converting Colors

YUV(193.5210, 30.3091,
31.9921)

Have a look what the booklet for
YUV(193.5210, 30.3091, 31.9921)
contains.

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Color

**YUV(193.5210, 30.3091,
31.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A3FF
RGB	230, 163, 255
RGB Percent	90%, 64%, 100%
CMY	0.0980, 0.3608, 0.0000
CMYK	0.10, 0.36, 0.00, 0.00
HSL	284°, 100%, 82%
HSV	284°, 36%, 100%
XYZ	63.7803, 50.2374, 100.9429
YIQ	193.5210, 10.4000, 42.8160

Conversions

Conversions Part 2

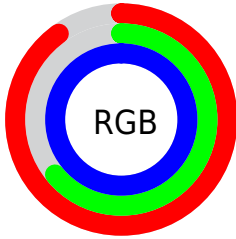
Format	Color
R _Y B	230, 163, 255
Decimal	15115263
CIE _{Lab}	76.21, 40.27, -36.02
CIE _{LCh}	76, 54.029, 318.182
Y _{xy}	50.2374, 0.2967, 0.2337
Android (android.graphics.Color)	4293305343 (0xFFE6A3FF)
YUV	193.5210, 30.3091, 31.9921
Hunter-Lab	70.8783, 36.5873, -34.8243

Details

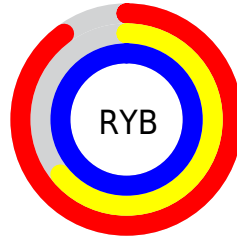
The YUV color **193.5210, 30.3091, 31.9921** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **224.4790, -30.3091, -31.9921**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8680, 10.4181, 18.5328**, and **138.8690, 29.1516, 29.9329** is the 20% darker color. If you saturate the color by 10%, you get **176.1660, 38.8652, 41.0734**, and if you desaturate by 10%, it is **210.2890, 22.0425, 23.4255**.

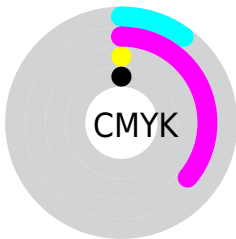
Distribution



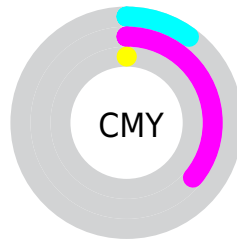
- Red (90%)
- Green (64%)
- Blue (100%)



- Red (90%)
- Yellow (64%)
- Blue (100%)



- Cyan (10%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.5210, 30.3091, 31.9921 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 193.5210, 30.3091, 31.9921 by changing the saturation by 10% instead.


 193.5210, 30.3091,
31.9921


 193.5210, 30.3091,
31.9921


255.0000, 0.0000,
0.0000


 165.6950, 29.7304,
30.9625


 233.8680, 10.4181,
18.5328


 138.8690, 29.1516,
29.9329

 250.8910, 2.0257,
3.6036

 112.9290, 28.1360,
29.0033

 87.2170, 27.9940,
27.8737

 61.8040, 27.7046,
27.3589

 34.7440, 28.7202,
28.2885

 20.4240, 23.9480,

18.9222

■ 10.9250, 17.2920,
7.0818

■ 3.3230, 10.1938,
-2.9143

■ 193.5210, 30.3091,
31.9921

■ 193.5210, 30.3091,
31.9921

■ 176.1660, 38.8652,
41.0734

■ 210.2890, 22.0425,
23.4255

■ 159.3980, 47.1318,
49.6400

■ 227.6440, 13.4865,
14.3442

■ 142.0430, 55.6878,
58.7213

■ 244.4120, 5.2199,
5.7777

■ 125.2750, 63.9544,
67.2878

■ 255.0000, 0.0000,
0.0000

■ 107.9200, 72.5104,
76.3692

■ 91.1520, 80.7771,
84.9357

■ 84.6840, 83.9658,
88.8541

Harmonies

Analogous

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



184.3310, 34.8398, -21.3383



193.5210, 30.3091, 31.9921



187.0610, 11.3089, 59.5825

Triad

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



193.5210, 30.3091, 31.9921



184.7830, -47.7140, 44.0403



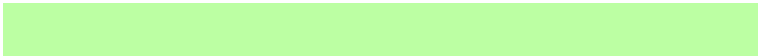
149.7690, 33.1449, -131.3474

Complementary

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



193.5210, 30.3091, 31.9921



224.4790, -30.3091, -31.9921

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.



153.5340, 6.1457, -104.8313



193.5210, 30.3091, 31.9921



180.8230, -45.2687, 6.2942

Square

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



193.5210, 30.3091, 31.9921



183.2750, -33.6596, 62.9028



173.3580, -26.7985, -38.0250



151.7530, 50.9008, -133.0874

Rectangle

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



193.5210, 30.3091, 31.9921



182.0110, -2.9634, 64.0114



173.3580, -26.7985, -38.0250



147.9450, 26.1561, -129.7478

Sweetspot

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



193.5210, 30.3091, 31.9921



236.1720, 9.2822, 9.4962



188.7500, 32.6613, -22.5828



116.5260, 5.6567, 5.6777



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.



193.5210, 30.3091, 31.9921



181.4600, 36.2552, 38.1846



198.7160, 17.8880, 49.3611



119.1730, 4.3517, 4.2333



63.3350, 62.9388, 66.3582



21.0500, 21.1744, 21.8811

Inverse Universe

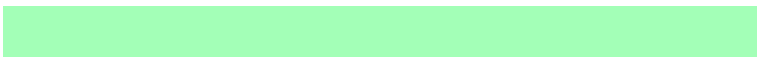
The Inverse Universe completely reimagines the original color for something new.



193.3580, -2.6415, 54.0600



181.3100, -3.1108, 64.6261



219.2840, -17.8880, -49.3611



119.2290, -0.6059, 7.6922



63.0370, -5.4412, 112.2236



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 193.5210, 30.3091, 31.9921 looks on a white background.

Color Contrast Check

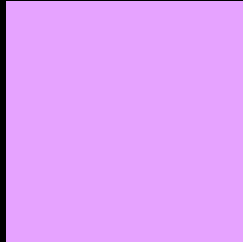
Large Text (above 18pt) WCAG AA × Fail

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 193.5210, 30.3091, 31.9921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

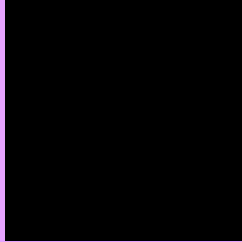
Any Text WCAG AA ✓ Pass

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 193.5210, 30.3091, 31.9921 Background



This preview shows how black text looks on a background with the YUV color 193.5210, 30.3091, 31.9921.



This preview shows how white text looks on a background with the YUV color 193.5210, 30.3091,

31.9921.

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

193.5210, 30.3091, 31.9921

Protanopia

188.1850, 32.9398, -18.5792

Deuteranopia

188.6370, 30.7450, -14.5906



Tritanopia

190.7520, -0.3707, 25.6505

Trichromacy



Original Color

193.5210, 30.3091, 31.9921



Protanomaly

190.3660, 31.8646, -0.3210



Deuteranomaly

190.3340, 30.4013, 2.3381

Tritanomaly

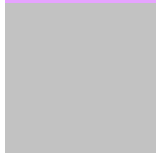
191.7490, 10.9697, 28.2841

Monochromacy



Original Color

193.5210, 30.3091, 31.9921



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.9380, 10.8766, 11.4554

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5210, 30.3091, 31.9921 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(230, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 163, 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(230, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 163, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.5210, 30.3091, 31.9921 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(230, 163, 255) }
```


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

```
.border{ border-color:rgb(230, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 163,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.5210, 30.3091, 31.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 163, 255) }
```

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

```
.background{ background-color: rgb(230,  
163, 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](#).

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