

Converting Colors

YUV(193.6550, 30.2431, 6.4416)

Have a look what the booklet for
YUV(193.6550, 30.2431, 6.4416)
contains.

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Color

**YUV(193.6550, 30.2431,
6.4416)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B2FF
RGB	201, 178, 255
RGB Percent	79%, 70%, 100%
CMY	0.2118, 0.3020, 0.0000
CMYK	0.21, 0.30, 0.00, 0.00
HSL	258°, 100%, 85%
HSV	258°, 30%, 100%
XYZ	58.0578, 51.4783, 101.4841
YIQ	193.6550, -11.0090, 28.8230

Conversions

Conversions Part 2

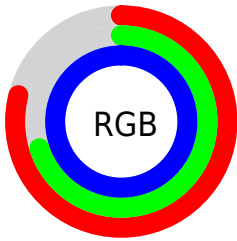
Format	Color
R _Y B	201, 178, 255
Decimal	13218559
CIE Lab	76.97, 23.52, -35.07
CIE LCh	77, 42.227, 303.840
Yxy	51.4783, 0.2751, 0.2439
Android (android.graphics.Color)	4291408639 (0xFFC9B2FF)
YUV	193.6550, 30.2431, 6.4416
Hunter-Lab	71.7484, 18.8801, -33.6385

Details

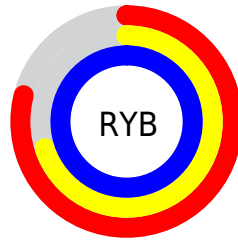
The YUV color **193.6550, 30.2431, 6.4416** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **239.3450, -30.2431, -6.4416**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.6730, 6.0772, 10.8108**, and **139.6010, 28.7907, 5.6119** is the 20% darker color. If you saturate the color by 10%, you get **173.0110, 40.4206, 8.7604**, and if you desaturate by 10%, it is **213.7120, 20.3550, 4.6376**.

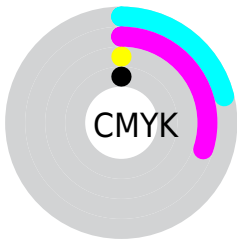
Distribution



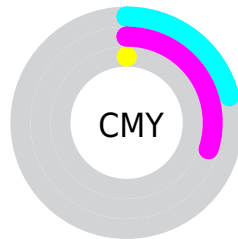
- Red (79%)
- Green (70%)
- Blue (100%)



- Red (79%)
- Yellow (70%)
- Blue (100%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6550, 30.2431, 6.4416 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 193.6550, 30.2431, 6.4416 by changing the saturation by 10% instead.

■ 193.6550, 30.2431,
6.4416

■ 193.6550, 30.2431,
6.4416

255.0000, 0.0000,
0.0000

■ 166.1280, 29.5169,
6.0267

■ 242.6730, 6.0772,
10.8108

■ 139.6010, 28.7907,
5.6119

■ 113.6610, 27.7751,
4.6823

■ 88.8350, 27.1963,
3.6527

■ 64.8950, 26.1808,
2.7231

■ 41.6560, 25.3126,
1.1787

■ 19.1070, 24.5972,

-2.7248

■ 5.2440, 20.0927,
-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 193.6550, 30.2431,
6.4416

■ 193.6550, 30.2431,
6.4416

■ 173.0110, 40.4206,
8.7604

■ 213.7120, 20.3550,
4.6376

■ 152.9540, 50.3087,
10.5643

■ 234.3560, 10.1775,
2.3188

■ 132.3100, 60.4862,
12.8831

■ 255.0000, 0.0000,
0.0000

■ 112.2530, 70.3743,
14.6871

■ 91.9080, 80.4044,
17.6207

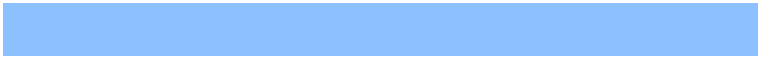
■ 71.8510, 90.2925,
19.4247

■ 51.7940, 100.1806,
21.2287

Harmonies

Analogous

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



183.9330, 35.0360, -37.6522



193.6550, 30.2431, 6.4416



195.1620, 14.7101, 41.9539

Triad

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



193.6550, 30.2431, 6.4416



190.0620, -34.0476, 47.3036



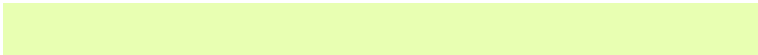
164.8100, 14.3907, -89.2874

Complementary

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



193.6550, 30.2431, 6.4416



239.3450, -30.2431, -6.4416

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.



175.8310, -10.7627, -48.0868



193.6550, 30.2431, 6.4416



186.6860, -37.3132, 21.3234

Square

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



193.6550, 30.2431, 6.4416



189.3850, -20.4028, 57.5444



182.6540, -28.9164, -11.9746



149.1310, 40.8544, -130.7879

Rectangle

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



193.6550, 30.2431, 6.4416



192.9650, 3.4683, 54.4047



182.6540, -28.9164, -11.9746



169.2050, 5.3219, -73.8478

Sweetspot

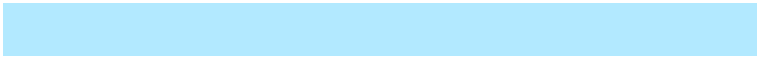
The Sweet Spot groups the original color and five complimentary colors.



193.6550, 30.2431, 6.4416



236.7150, 9.0145, 2.0039



219.0630, 17.7169, -36.0123



116.2050, 5.8149, 1.5742



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.



193.6550, 30.2431, 6.4416



181.8600, 36.0580, 8.0158



204.7180, 24.7890, 29.1883



117.6780, 5.0887, 1.1594



38.8170, 75.0262, 15.9465



12.9770, 25.1543, 5.2822

Inverse Universe

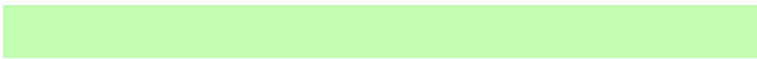
The Inverse Universe completely reimagines the original color for something new.



207.1790, 12.2368, 41.9390



197.9180, 14.8304, 50.0609



228.2820, -24.7890, -29.1883



119.9130, 2.0149, 7.0923



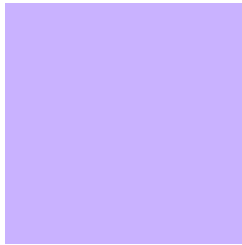
72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 193.6550, 30.2431, 6.4416 looks on a white background.

Color Contrast Check

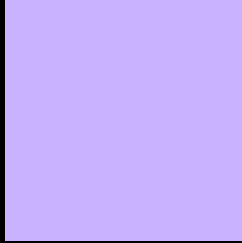
Large Text (above 18pt) WCAG AA × Fail

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 193.6550, 30.2431, 6.4416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

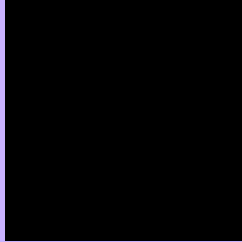
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.6550, 30.2431, 6.4416

Background



This preview shows how black text looks on a background with the YUV color 193.6550, 30.2431, 6.4416.



This preview shows how white text looks on a background with the YUV color 193.6550, 30.2431,

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

193.6550, 30.2431, 6.4416

Protanopia

190.5550, 31.7714, -17.1497

Deuteranopia

190.6370, 30.7450, -14.5906



Tritanopia

190.9060, 5.9623, 0.9594

Trichromacy



Original Color

193.6550, 30.2431, 6.4416

Protanomaly

191.4960, 31.3075, -8.3280

Deuteranomaly

191.9800, 30.5759, -6.9985

Tritanomaly

191.6210, 14.9768, 2.9634

Monochromacy



Original Color

193.6550, 30.2431, 6.4416

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8830, 10.9037, 2.7336

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6550, 30.2431, 6.4416 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(201, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 178, 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(201, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 178, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.6550, 30.2431, 6.4416 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(201, 178, 255) }
```


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

```
.border{ border-color:rgb(201, 178, 255) }
```

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

Here you see how a box with a 4 pixel rgb(201, 178, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 178,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.6550, 30.2431, 6.4416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 178, 255) }
```

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

```
.background{ background-color: rgb(201,  
178, 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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