

Converting Colors

YUV(193.6220, 30.2594, 1.2085)

Have a look what the booklet for
YUV(193.6220, 30.2594, 1.2085)
contains.

YUV(193.6220, 30.2594, 1.2085)	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(193.6220, 30.2594,
1.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B5FF
RGB	195, 181, 255
RGB Percent	76%, 71%, 100%
CMY	0.2353, 0.2902, 0.0000
CMYK	0.24, 0.29, 0.00, 0.00
HSL	251°, 100%, 85%
HSV	251°, 29%, 100%
XYZ	57.0796, 51.8698, 101.6112
YIQ	193.6220, -15.4100, 25.9820

Conversions

Conversions Part 2

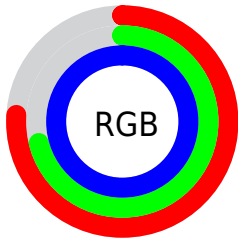
Format	Color
RYB	195, 181, 255
Decimal	12826111
CIELab	77.20, 20.11, -34.75
CIELCh	77, 40.147, 300.053
Yxy	51.8698, 0.2711, 0.2463
Android (android.graphics.Color)	4291016191 (0xFFC3B5FF)
YUV	193.6220, 30.2594, 1.2085
Hunter-Lab	72.0207, 15.4327, -33.2354

Details

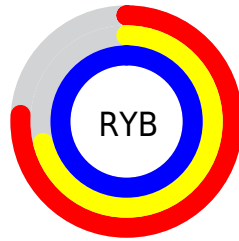
The YUV color **193.6220, 30.2594, 1.2085** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **242.3780, -30.2594, -1.2085**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.5370, 5.6513, 7.4221**, and **139.5680, 28.8070, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **172.6680, 40.5897, 1.1682**, and if you desaturate by 10%, it is **215.1630, 19.6396, 0.7340**.

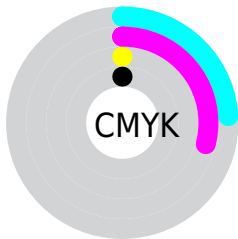
Distribution



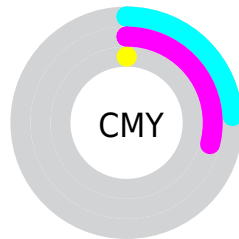
- Red (76%)
- Green (71%)
- Blue (100%)



- Red (76%)
- Yellow (71%)
- Blue (100%)



- Cyan (24%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6220, 30.2594, 1.2085 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 193.6220, 30.2594, 1.2085 by changing the saturation by 10% instead.

■ 193.6220, 30.2594,
1.2085

■ 193.6220, 30.2594,
1.2085

255.0000, 0.0000,
0.0000

■ 166.0950, 29.5332,
0.7937

■ 243.5370, 5.6513,
7.4221

■ 139.5680, 28.8070,
0.3789

■ 114.0410, 28.0808,
-0.0360

■ 89.1010, 27.0652,
-0.9656

■ 64.8620, 26.1970,
-2.5100

■ 41.6230, 25.3289,
-4.0544

■ 18.1770, 25.0557,

-9.8022

■ 5.2440, 20.0927,
-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 193.6220, 30.2594,
1.2085

■ 193.6220, 30.2594,
1.2085

■ 172.6680, 40.5897,
1.1682

■ 215.1630, 19.6396,
0.7340

■ 151.4260, 51.0620,
2.2574

■ 235.8180, 9.4567,
0.1596

■ 130.4720, 61.3923,
2.2171

■ 255.0000, 0.0000,
0.0000

■ 108.9310, 72.0120,
2.6915

■ 88.2760, 82.1949,
3.2659

■ 66.7350, 92.8146,
3.7404

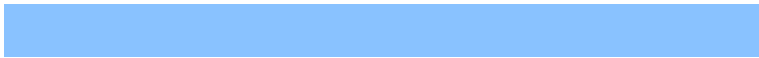
■ 45.7810, 103.1450,
3.7001

■ 43.4220, 104.3080,
4.0149

Harmonies

Analogous

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



183.9110, 35.0469, -41.1409



193.6220, 30.2594, 1.2085



195.7700, 15.8894, 37.0357

Triad

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



193.6220, 30.2594, 1.2085



191.0450, -31.5742, 47.3185



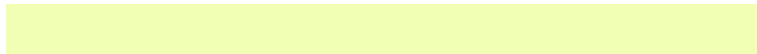
170.2200, 9.2585, -76.4919

Complementary

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



193.6220, 30.2594, 1.2085



242.3780, -30.2594, -1.2085

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.



178.3050, -12.9684, -40.6095



193.6220, 30.2594, 1.2085



187.8650, -35.4294, 23.7974

Square

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



193.6220, 30.2594, 1.2085



190.7700, -17.6346, 56.3297



184.2740, -29.2221, -7.2563



160.5100, 32.7796, -107.4413

Rectangle

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



193.6220, 30.2594, 1.2085



195.2960, 4.7841, 52.3604



184.2740, -29.2221, -7.2563



173.3480, 1.8004, -64.3262

Sweetspot

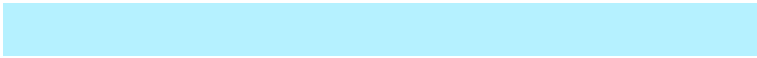
The Sweet Spot groups the original color and five complimentary colors.



193.6220, 30.2594, 1.2085



235.8180, 9.4567, 0.1596



224.6560, 14.9596, -38.2863



115.6070, 6.1097, 0.3447



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.



193.6220, 30.2594, 1.2085



181.2290, 36.3691, 1.5532



204.6850, 24.8053, 23.9553



117.0800, 5.3836, -0.0702



32.5380, 78.1218, 3.0362



10.8840, 26.1862, 0.9787

Inverse Universe

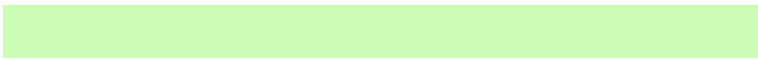
The Inverse Universe completely reimagines the original color for something new.



209.9660, 15.2998, 39.4948



200.8190, 18.3302, 47.5167



231.3150, -24.8053, -23.9553



120.0270, 2.4517, 6.9923



74.7790, 39.5490, 101.9258



25.0640, 13.2794, 34.1469

Previews

White Background



This preview shows how the YUV color 193.6220, 30.2594, 1.2085 looks on a white background.

Color Contrast Check

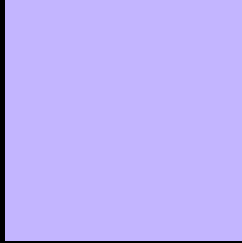
Large Text (above 18pt) WCAG AA × Fail

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 193.6220, 30.2594, 1.2085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

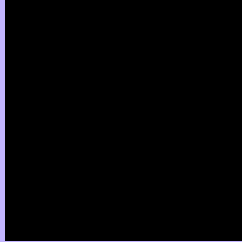
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.6220, 30.2594, 1.2085

Background



This preview shows how black text looks on a background with the YUV color 193.6220, 30.2594, 1.2085.

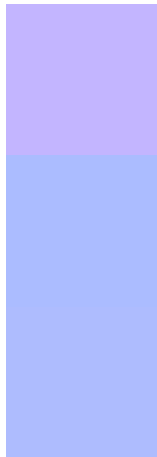


This preview shows how white text looks on a background with the YUV color 193.6220, 30.2594,

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

193.6220, 30.2594, 1.2085

Protanopia

190.5550, 31.7714, -17.1497

Deuteranopia

191.3380, 30.8924, -15.2054



Tritanopia

190.6280, 7.5784, -4.0588

Trichromacy



Original Color

193.6220, 30.2594, 1.2085

Protanomaly

191.4850, 31.3129, -10.0723

Deuteranomaly

191.9690, 30.5813, -8.7428

Tritanomaly

191.8160, 15.8667, -2.4696

Monochromacy



Original Color

193.6220, 30.2594, 1.2085

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.5730, 11.0565, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6220, 30.2594, 1.2085 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(195, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 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(195, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.6220, 30.2594, 1.2085 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(195, 181, 255) }
```


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

```
.border{ border-color:rgb(195, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 181,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.6220, 30.2594, 1.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 255) }
```

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

```
.background{ background-color: rgb(195,  
181, 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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