

Converting Colors

YUV(179.3120, 33.8632,
12.0044)

Have a look what the booklet for
YUV(179.3120, 33.8632, 12.0044)
contains.

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Color

**YUV(179.3120, 33.8632,
12.0044)**

Conversions

Conversions Part 1

Format	Color
Hex	C19FF8
RGB	193, 159, 248
RGB Percent	76%, 62%, 97%
CMY	0.2431, 0.3765, 0.0275
CMYK	0.22, 0.36, 0.00, 0.03
HSL	263°, 86%, 80%
HSV	263°, 36%, 97%
XYZ	51.3337, 42.9110, 94.3840
YIQ	179.3120, -8.3050, 34.8870

Conversions

Conversions Part 2

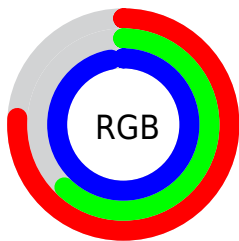
Format	Color
R _Y B	193, 159, 248
Decimal	12689400
CIE Lab	71.49, 30.05, -39.84
CIE LCh	71, 49.907, 307.026
Yxy	42.9110, 0.2721, 0.2275
Android (android.graphics.Color)	4290879480 (0xFFC19FF8)
YUV	179.3120, 33.8632, 12.0044
Hunter-Lab	65.5065, 25.2439, -39.5725

Details

The YUV color **179.3120, 33.8632, 12.0044** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **227.6880, -33.8632, -12.0044**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7370, 12.4547, 18.6477**, and **125.8450, 32.1214, 10.6599** is the 20% darker color. If you saturate the color by 10%, you get **160.1520, 43.3091, 15.6527**, and if you desaturate by 10%, it is **198.4720, 24.4173, 8.3561**.

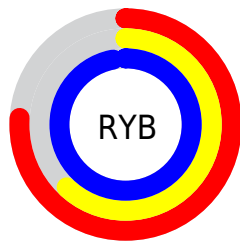
Distribution



Red (76%)

Green (62%)

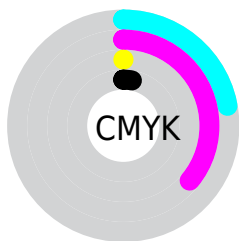
Blue (97%)



Red (76%)

Yellow (62%)

Blue (97%)

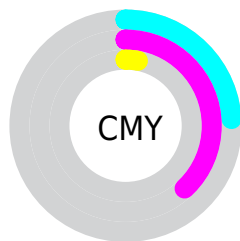


Cyan (22%)

Magenta (36%)

Yellow (0%)

Black (3%)



Cyan (24%)


Magenta (38%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.3120, 33.8632, 12.0044 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 179.3120, 33.8632, 12.0044 by changing the saturation by 10% instead.

 179.3120, 33.8632,
12.0044

 179.3120, 33.8632,
12.0044


255.0000, 0.0000,
0.0000


 152.3720, 32.8476,
11.0748


 229.7370, 12.4547,
18.6477


 125.8450, 32.1214,
10.6599

 247.3690, 3.7621,
6.6924

 100.6060, 31.2532,
9.1155

 75.6660, 30.2377,
8.1859

 51.4270, 29.3695,
6.6415

 28.0030, 29.0855,
4.3824

 10.1720, 26.0442,

-0.1508

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 179.3120, 33.8632,
12.0044

■ 179.3120, 33.8632,
12.0044

■ 160.1520, 43.3091,
15.6527

■ 198.4720, 24.4173,
8.3561

■ 140.6930, 52.9024,
18.6862

■ 217.9310, 14.8240,
5.3225

■ 122.1200, 62.0588,
21.8198

■ 236.5040, 5.6675,
2.1890

■ 102.9600, 71.5047,
25.4681

■ 253.9030, -2.9102,
0.0851

■ 83.5010, 81.0980,
28.5016

■ 254.2020, -3.0576,
0.6998

■ 64.3410, 90.5439,
32.1499

■ 56.6770, 94.3222,
33.6093

Harmonies

Analogous

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



167.6640, 43.0566, -43.5553



179.3120, 33.8632, 12.0044



179.8690, 15.8406, 52.7349

Triad

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



179.3120, 33.8632, 12.0044



173.3630, -40.6050, 50.5476



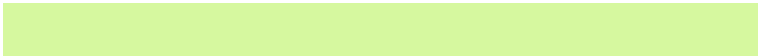
137.3160, 23.5082, -120.4261

Complementary

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



179.3120, 33.8632, 12.0044



227.6880, -33.8632, -12.0044

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.



155.0030, -8.3825, -64.9006



179.3120, 33.8632, 12.0044



170.0680, -43.4175, 19.2344

Square

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



179.3120, 33.8632, 12.0044



174.7950, -25.5349, 70.3398



164.8120, -31.9523, -18.2521



141.7450, 43.0167, -124.3104

Rectangle

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



179.3120, 33.8632, 12.0044



177.4120, 2.2619, 68.0447



164.8120, -31.9523, -18.2521



135.4920, 16.5194, -118.8265

Sweetspot

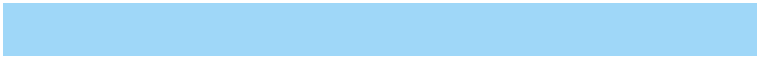
The Sweet Spot groups the original color and five complimentary colors.



179.3120, 33.8632, 12.0044



233.4810, 10.6089, 3.9632



202.0180, 22.6691, -37.7268



114.7320, 6.5411, 1.9890



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.



179.3120, 33.8632, 12.0044



170.0980, 41.8567, 14.8231



192.1690, 27.5247, 38.4398



114.9770, 4.9413, 1.7742



43.0740, 71.9415, 25.3681



13.8310, 23.2543, 8.0412

Inverse Universe

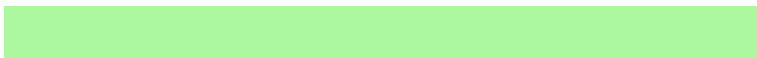
The Inverse Universe completely reimagines the original color for something new.



191.8810, 10.9047, 49.2164



185.6420, 13.4875, 60.8270



214.8310, -27.5247, -38.4398



116.7990, 1.5781, 7.1923



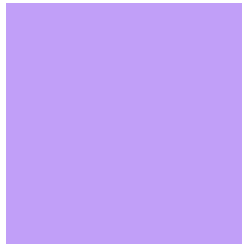
69.8490, 23.2454, 104.4954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 179.3120, 33.8632, 12.0044 looks on a white background.

Color Contrast Check

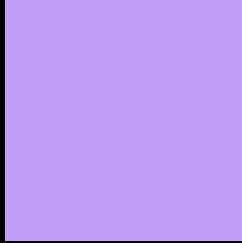
Large Text (above 18pt) WCAG AA × Fail

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 179.3120, 33.8632, 12.0044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

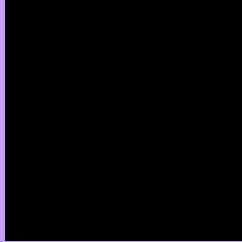
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.3120, 33.8632, 12.0044

Background



This preview shows how black text looks on a background with the YUV color 179.3120, 33.8632, 12.0044.



This preview shows how white text looks on a background with the YUV color 179.3120, 33.8632, 12.0044.

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

179.3120, 33.8632, 12.0044

Protanopia

174.2860, 39.7920, -23.0528

Deuteranopia

174.6300, 34.6924, -20.7235



Tritanopia

176.4720, 4.2043, 4.8481

Trichromacy



Original Color

179.3120, 33.8632, 12.0044

Protanomaly

175.7930, 37.5701, -10.3425

Deuteranomaly

176.2940, 34.3651, -9.0278

Tritanomaly

177.3550, 15.1080, 7.5817

Monochromacy



Original Color

179.3120, 33.8632, 12.0044

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.2360, 12.2087, 4.1780

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3120, 33.8632, 12.0044 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(193, 159, 248)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 248)  
}
```

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(193, 159, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 248) }
```

Border

The CSS property to change the border of an element to YUV 179.3120, 33.8632, 12.0044 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(193, 159, 248) }
```


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

```
.border{ border-color:rgb(193, 159, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 159, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 159, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 159, 248);  
box-shadow:4px 4px 4px 4px rgb(193, 159,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 179.3120, 33.8632, 12.0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 248) }
```

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

```
.background{ background-color: rgb(193,  
159, 248) }
```

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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