

Converting Colors

YUV(194.9990, -96.1345,
-12.2771)

Have a look what the booklet for
YUV(194.9990, -96.1345, -12.2771)
contains.

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Color

**YUV(194.9990, -96.1345,
-12.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F000
RGB	181, 240, 0
RGB Percent	71%, 94%, 0%
CMY	0.2902, 0.0588, 1.0000
CMYK	0.25, 0.00, 1.00, 0.06
HSL	75°, 100%, 47%
HSV	75°, 100%, 94%
XYZ	50.2161, 72.1439, 11.2785
YIQ	194.9990, 41.8760, -87.1480

Conversions

Conversions Part 2

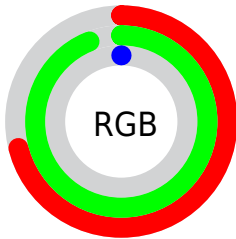
Format	Color
RYB	0, 240, 59
Decimal	11923456
CIELab	88.04, -44.23, 85.45
CIELCh	88, 96.217, 117.368
Yxy	72.1439, 0.3758, 0.5398
Android (android.graphics.Color)	4290113536 (0xFFB5F000)
YUV	194.9990, -96.1345, -12.2771
Hunter-Lab	84.9376, -43.1094, 51.5834

Details

The YUV color **194.9990, -96.1345, -12.2771** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle saturated chartreuse. A complement of this color would be **45.0010, 96.1345, 12.2771**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1180, -69.5712, 7.7895**, and **144.4860, -71.2316, -19.7202** is the 20% darker color. If you saturate the color by 10%, you get **194.9990, -96.1345, -12.2771**, and if you desaturate by 10%, it is **199.5290, -86.5358, -10.9879**.

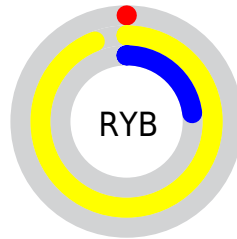
Distribution



Red (71%)

Green (94%)

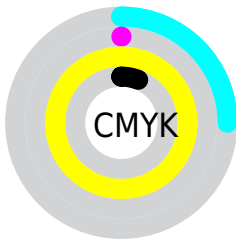
Blue (0%)



Red (0%)

Yellow (94%)

Blue (23%)

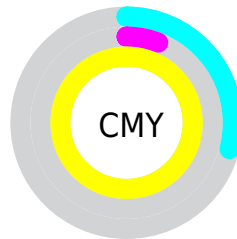


Cyan (25%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (29%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.9990, -96.1345, -12.2771 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 194.9990, -96.1345, -12.2771 by changing the saturation by 10% instead.

194.9990,
-96.1345, -12.2771

194.9990,
-96.1345, -12.2771

255.0000, 0.0000,
0.0000

169.5930,
-83.6093, -16.3061

232.1180,
-69.5712, 7.7895

144.4860,
-71.2316, -19.7202

239.8380,
-58.0941, 13.2971

119.6670,
-58.9958, -24.2640

243.2580,
-44.9902, 10.2977

94.8480, -46.7601,
-28.8077

246.5640,
-32.3231, 7.3984

69.4090, -34.2186,
-38.0697

249.9840,
-19.2191, 4.3990

46.9600, -23.1513,
-41.1839

253.4040, -6.1152,

32.8720, -16.2059,

1.3997

-28.8287

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 194.9990,
-96.1345, -12.2771

■ 199.5290,
-86.5358, -10.9879

■ 204.0590,
-76.9371, -9.6987

■ 208.5890,
-67.3384, -8.4096

■ 213.1190,
-57.7397, -7.1204

■ 217.6490,
-48.1410, -5.8312

■ 221.8800,
-38.3948, -5.1568

■ 226.4100,
-28.7961, -3.8676

■ 230.9400,
-19.1974, -2.5784

■ 235.4700, -9.5987,
-1.2892

Harmonies

Analogous

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



201.8630, -99.5185, 46.6011



194.9990, -96.1345, -12.2771



162.7950, -23.5629, -142.7712

Triad

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



194.9990, -96.1345, -12.2771



178.1680, 37.8782, -156.2533



175.0080, 28.5901, 70.1530

Complementary

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



194.9990, -96.1345, -12.2771



45.0010, 96.1345, 12.2771

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.



196.3000, 28.9391, 51.4799



194.9990, -96.1345, -12.2771



166.4280, 43.6660, -145.9574

Square

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



194.9990, -96.1345, -12.2771



178.7550, 37.5888, -156.7681



206.2700, 24.0239, -5.4988



172.2650, -14.9206, 72.5586

Rectangle

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



194.9990, -96.1345, -12.2771



169.9770, 3.9553, -149.0698



206.2700, 24.0239, -5.4988



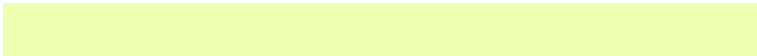
181.6250, 36.1739, 64.3499

Sweetspot

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



194.9990, -96.1345, -12.2771



240.6550, -30.3959, -4.0824



104.6320, -51.5836, 118.7177



119.1680, -18.3238, -2.7783



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.



194.9990, -96.1345, -12.2771



207.0930, -102.0968, -13.2366



160.0160, -78.8879, -84.2060



117.7350, -4.7994, -0.6446



149.2700, -73.5901, -9.8838



45.4300, -22.3970, -3.0081

Inverse Universe

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



45.0010, 96.1345, 12.2771



47.9070, 102.0968, 13.2366



79.9840, 78.8879, 84.2060



110.2650, 4.7994, 0.6446



34.4310, 73.7375, 9.2690



10.5700, 22.3970, 3.0081

Previews

White Background



This preview shows how the YUV color 194.9990, -96.1345, -12.2771 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 194.9990, -96.1345, -12.2771 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 194.9990, -96.1345, -12.2771 Background



This preview shows how black text looks on a background with the YUV color 194.9990, -96.1345, -12.2771.



This preview shows how white text looks on a background with the YUV color 194.9990, -96.1345, -12.2771.

-12.2771.

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

194.9990, -96.1345, -12.2771

Protanopia

203.8790, -100.5123, 38.6941

Deuteranopia

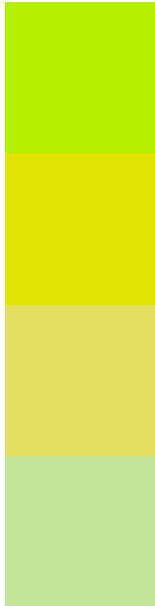
219.0770, -33.5620, 31.5045



Tritanopia

218.7730, 10.9579, -14.7099

Trichromacy



Original Color

194.9990, -96.1345, -12.2771

Protanomaly

200.8120, -99.0003, 20.3359

Deuteranomaly

210.0170, -56.2104, 15.7711

Tritanomaly

209.8710, -28.0374, -13.9189

Monochromacy



Original Color

194.9990, -96.1345, -12.2771

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8030, -34.9059, -4.2122

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.9990, -96.1345, -12.2771 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(181, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 0)  
}
```

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(181, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 0) }
```

Border

The CSS property to change the border of an element to YUV 194.9990, -96.1345, -12.2771 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(181, 240, 0) }
```


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

```
.border{ border-color:rgb(181, 240, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 240, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 194.9990, -96.1345, -12.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 0) }
```

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

```
.background{ background-color: rgb(181,  
240, 0) }
```

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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