

Converting Colors

YUV(197.0920, -97.1664,
-7.9737)

Have a look what the booklet for
YUV(197.0920, -97.1664, -7.9737)
contains.

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Color

**YUV(197.0920, -97.1664,
-7.9737)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF000
RGB	188, 240, 0
RGB Percent	74%, 94%, 0%
CMY	0.2627, 0.0588, 1.0000
CMYK	0.22, 0.00, 1.00, 0.06
HSL	73°, 100%, 47%
HSV	73°, 100%, 94%
XYZ	51.8991, 73.0115, 11.3573
YIQ	197.0920, 46.0480, -85.6640

Conversions

Conversions Part 2

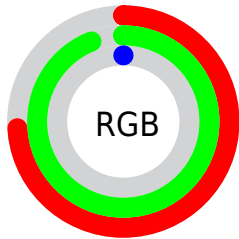
Format	Color
RYB	0, 240, 52
Decimal	12382208
CIELab	88.45, -41.56, 85.95
CIELCh	88, 95.465, 115.804
Yxy	73.0115, 0.3809, 0.5358
Android (android.graphics.Color)	4290572288 (0xFFBCF000)
YUV	197.0920, -97.1664, -7.9737
Hunter-Lab	85.4468, -41.1136, 51.9322

Details

The YUV color **197.0920, -97.1664, -7.9737** 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 **42.9080, 97.1664, 7.9737**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.5100, -70.7504, 12.7077**, and **146.5790, -72.2634, -15.4168** is the 20% darker color. If you saturate the color by 10%, you get **197.0920, -97.1664, -7.9737**, and if you desaturate by 10%, it is **201.3230, -87.4202, -7.2993**.

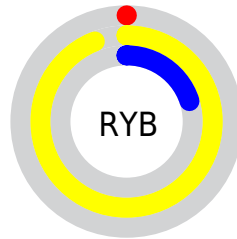
Distribution



Red (74%)

Green (94%)

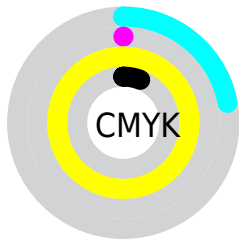
Blue (0%)



Red (0%)

Yellow (94%)

Blue (20%)

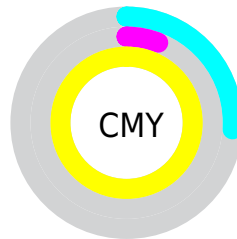


Cyan (22%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.0920, -97.1664, -7.9737 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 197.0920, -97.1664, -7.9737 by changing the saturation by 10% instead.

197.0920,
-97.1664, -7.9737

197.0920,
-97.1664, -7.9737

255.0000, 0.0000,
0.0000

171.6860,
-84.6412, -12.0026

234.5100,
-70.7504, 12.7077

146.5790,
-72.2634, -15.4168

239.8380,
-58.0941, 13.2971

121.7600,
-60.0277, -19.9605

243.2580,
-44.9902, 10.2977

97.2400, -47.9393,
-23.8895

246.6780,
-31.8863, 7.2984

72.6980, -35.8401,
-31.3071

249.9840,
-19.2191, 4.3990

46.9600, -23.1513,
-41.1839

253.5180, -5.6784,

32.8720, -16.2059,

1.2997

-28.8287

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 197.0920,
-97.1664, -7.9737

■ 201.3230,
-87.4202, -7.2993

■ 205.5540,
-77.6741, -6.6249

■ 210.0840,
-68.0754, -5.3357

■ 214.3150,
-58.3293, -4.6613

■ 218.5460,
-48.5832, -3.9868

■ 222.7770,
-38.8371, -3.3124

■ 227.0080,
-29.0909, -2.6380

■ 231.5380,
-19.4922, -1.3488

■ 235.7690, -9.7461,
-0.6744

Harmonies

Analogous

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



201.2760, -99.2291, 47.1159



197.0920, -97.1664, -7.9737



163.9480, -25.6104, -139.3974

Triad

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



197.0920, -97.1664, -7.9737



178.7550, 37.5888, -156.7681



178.0400, 30.0533, 67.4939

Complementary

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



197.0920, -97.1664, -7.9737



42.9080, 97.1664, 7.9737

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.



199.2350, 27.4921, 48.9059



197.0920, -97.1664, -7.9737



168.1890, 42.7978, -147.5018

Square

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



197.0920, -97.1664, -7.9737



178.7550, 37.5888, -156.7681



205.9380, 24.1876, -11.3466



173.6500, -12.1524, 71.3440

Rectangle

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



197.0920, -97.1664, -7.9737



169.5210, 2.2081, -148.6699



205.9380, 24.1876, -11.3466



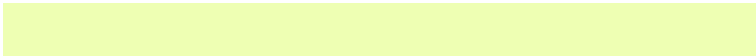
183.9730, 35.0163, 62.2907

Sweetspot

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



197.0920, -97.1664, -7.9737



241.2530, -30.6907, -2.8529



102.2840, -50.4260, 120.7769



119.7660, -18.6186, -1.5488



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.



197.0920, -97.1664, -7.9737



209.4850, -103.2761, -8.3183



161.2120, -79.4775, -81.7469



117.7350, -4.7994, -0.6446



151.0640, -74.4746, -6.1951



46.0280, -22.6918, -1.7786

Inverse Universe

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



42.9080, 97.1664, 7.9737



45.5150, 103.2761, 8.3183



78.7880, 79.4775, 81.7469



109.9660, 4.9468, 0.0298



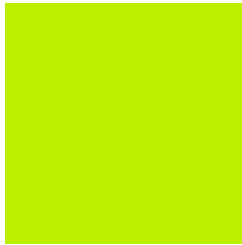
32.9360, 74.4746, 6.1951



9.9720, 22.6918, 1.7786

Previews

White Background



This preview shows how the YUV color 197.0920, -97.1664, -7.9737 looks on a white background.

Color Contrast Check

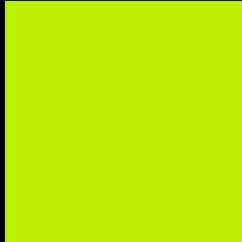
Large Text (above 18pt) WCAG AA × Fail

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 197.0920, -97.1664, -7.9737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

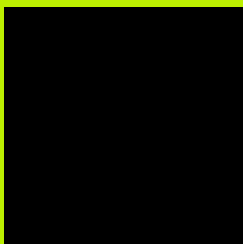
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.0920, -97.1664, -7.9737

Background



This preview shows how black text looks on a background with the YUV color 197.0920, -97.1664, -7.9737.



This preview shows how white text looks on a background with the YUV color 197.0920, -97.1664, -7.9737.

-7.9737.

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



Protanopia

205.0640, -101.0966, 39.4089

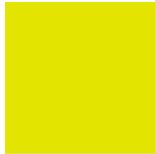
Deuteranopia

220.2340, -31.6674, 30.4898

Tritanopia

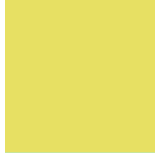
220.8660, 9.9261, -10.4065

Trichromacy



Protanomaly

202.2960, -99.7319, 21.6654



Deuteranomaly

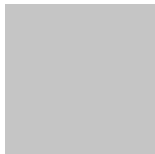
211.8430, -55.6316, 16.8007



Tritanomaly

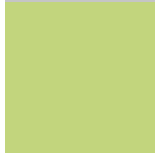
211.9640, -29.0693, -9.6154

Monochromacy



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.2870, -35.6375, -2.8827

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.0920, -97.1664, -7.9737 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(188, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 240, 0) }
```

Border

The CSS property to change the border of an element to YUV 197.0920, -97.1664, -7.9737 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(188, 240, 0) }
```

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

```
.border{ border-color:rgb(188, 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(188, 240, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 240,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 197.0920, -97.1664, -7.9737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 240, 0) }
```

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

```
.background{ background-color: rgb(188,  
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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