

Converting Colors

YUV(208.9040, -88.6927,
-19.2098)

Have a look what the booklet for
YUV(208.9040, -88.6927, -19.2098)
contains.

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Color

**YUV(208.9040, -88.6927,
-19.2098)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BBFF1D |
| RGB | 187, 255, 29 |
| RGB Percent | 73%, 100%, 11% |
| CMY | 0.2667, 0.0000, 0.8863 |
| CMYK | 0.27, 0.00, 0.89, 0.00 |
| HSL | 78°, 100%, 56% |
| HSV | 78°, 89%, 100% |
| XYZ | 56.4753, 82.1735, 14.0469 |
| YIQ | 208.9040, 32.0180, -84.7020 |

Conversions

Conversions Part 2

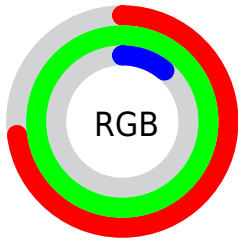
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 29, 255, 97 |
| Decimal | 12320541 |
| CIE Lab | 92.65, -47.98, 86.27 |
| CIE LCh | 93, 98.715, 119.078 |
| Yxy | 82.1735, 0.3699, 0.5382 |
| Android (android.graphics.Color) | 4290510621 (0xFFBBFF1D) |
| YUV | 208.9040, -88.6927, -19.2098 |
| Hunter-Lab | 90.6496, -47.4302, 54.2672 |

Details

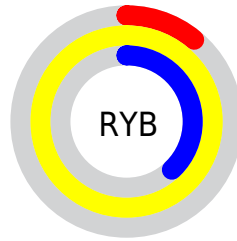
The YUV color **208.9040, -88.6927, -19.2098** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed chartreuse. A complement of this color would be **75.0960, 88.6927, 19.2098**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5790, -65.3614, 10.8932**, and **154.1990, -76.0201, -23.8535** is the 20% darker color. If you saturate the color by 10%, you get **203.6620, -98.4334, -21.6286**, and if you desaturate by 10%, it is **214.2600, -78.5152, -16.8910**.

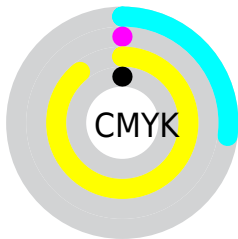
Distribution



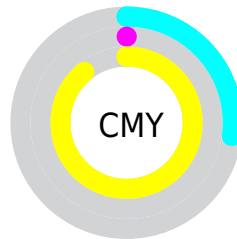
- Red (73%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (38%)



- Cyan (27%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.9040, -88.6927, -19.2098 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 208.9040, -88.6927, -19.2098 by changing the saturation by 10% instead.

■ 208.9040,
-88.6927, -19.2098

■ 208.9040,
-88.6927, -19.2098

255.0000, 0.0000,
0.0000

■ 179.6050,
-88.5453, -19.8246

■ 235.5790,
-65.3614, 10.8932

■ 154.1990,
-76.0201, -23.8535

■ 241.0920,
-53.2894, 12.1973

■ 128.7930,
-63.4949, -27.8825

■ 244.5120,
-40.1854, 9.1980

■ 103.9740,
-51.2592, -32.4262

■ 247.9320,
-27.0815, 6.1986

■ 77.6490, -38.2810,
-41.7882

■ 251.3520,
-13.9775, 3.1993

■ 54.0040, -26.6240,
-47.3615

254.7720, -0.8736,

■ 39.9160, -19.6786,

0.2000

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 9.9790, -4.9196,
-8.7516

■ 208.9040,
-88.6927, -19.2098

■ 208.9040,
-88.6927, -19.2098

■ 203.6620,
-98.4334, -21.6286

■ 214.2600,
-78.5152, -16.8910

■ 202.9070,
-100.0332, -21.8434

■ 219.2030,
-68.6271, -15.0870

■ 224.5590,
-58.4496, -12.7682

■ 229.8010,
-48.7089, -10.3495

■ 234.8580,
-38.3840, -8.6455

■ 240.1000,
-28.6433, -6.2267

■ 245.4560,
-18.4658, -3.9079

■ 250.3990, -8.5777,
-2.1039

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



210.6680, -103.8593, 38.8792



208.9040, -88.6927, -19.2098



164.5050, -17.0110, -144.2709

Triad

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



208.9040, -88.6927, -19.2098



178.7550, 37.5888, -156.7681



181.7900, 29.1905, 64.2052

Complementary

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



208.9040, -88.6927, -19.2098



75.0960, 88.6927, 19.2098

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.



201.5830, 26.3346, 46.8467



208.9040, -88.6927, -19.2098



173.4720, 40.1933, -152.1349

Square

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



208.9040, -88.6927, -19.2098



178.7550, 37.5888, -156.7681



219.0170, 17.7396, 3.4931



180.4660, -16.4987, 65.3663

Rectangle

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



208.9040, -88.6927, -19.2098



171.9150, 11.3809, -150.7695



219.0170, 17.7396, 3.4931



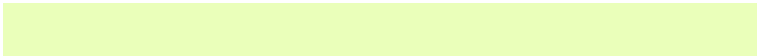
187.4950, 33.2800, 59.2019

Sweetspot

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



208.9040, -88.6927, -19.2098



240.8550, -27.0435, -6.0118



136.4900, -52.9926, 103.9333



119.4390, -15.9924, -3.8930



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.



208.9040, -88.6927, -19.2098



202.9070, -100.0332, -21.8434



175.1170, -72.0357, -88.6796



125.3220, -5.0887, -1.1594



152.1830, -75.0262, -15.9465



51.0230, -25.1543, -5.2822

Inverse Universe

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



75.0960, 88.6927, 19.2098



52.0930, 100.0332, 21.8434



108.8830, 72.0357, 88.6796



117.6780, 5.0887, 1.1594



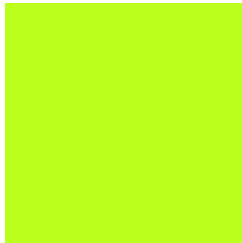
39.1160, 74.8788, 16.5613



12.9770, 25.1543, 5.2822

Previews

White Background



This preview shows how the YUV color 208.9040, -88.6927, -19.2098 looks on a white background.

Color Contrast Check

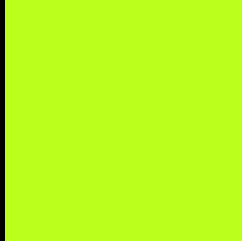
Large Text (above 18pt) WCAG AA × Fail

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 208.9040, -88.6927, -19.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

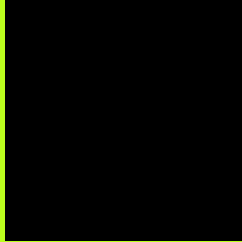
Any Text WCAG AA ✓ Pass

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 208.9040, -88.6927, -19.2098 Background



This preview shows how black text looks on a background with the YUV color 208.9040, -88.6927, -19.2098.



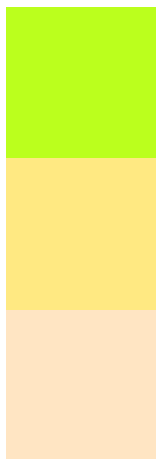
This preview shows how white text looks on a background with the YUV color 208.9040, -88.6927, -19.2098.

-19.2098.

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

208.9040, -88.6927, -19.2098

Protanopia

227.8360, -48.2331, 23.8228

Deuteranopia

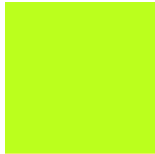
232.8980, -18.6837, 19.3835



Tritanopia

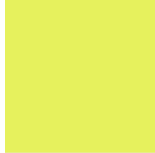
231.2780, 11.6949, -17.7838

Trichromacy



Original Color

208.9040, -88.6927, -19.2098



Protanomaly

220.8390, -63.0246, 8.0342



Deuteranomaly

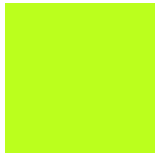
223.8660, -43.8109, 5.3795



Tritanomaly

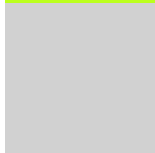
223.3480, -24.8216, -18.7222

Monochromacy



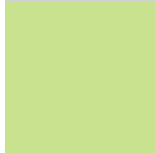
Original Color

208.9040, -88.6927, -19.2098



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.1770, -32.1323, -7.1712

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.9040, -88.6927, -19.2098 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(187, 255, 29)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 29)  
}
```

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(187, 255, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 29) }
```

Border

The CSS property to change the border of an element to YUV 208.9040, -88.6927, -19.2098 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(187, 255, 29) }
```


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

```
.border{ border-color:rgb(187, 255, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 255, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 29);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 208.9040, -88.6927, -19.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 29) }
```

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

```
.background{ background-color: rgb(187,  
255, 29) }
```

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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