

Converting Colors

YUV(216.0950, -88.2938,
-7.0993)

Have a look what the booklet for
YUV(216.0950, -88.2938, -7.0993)
contains.

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Color

**YUV(216.0950, -88.2938,
-7.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FF25
RGB	208, 255, 37
RGB Percent	82%, 100%, 15%
CMY	0.1843, 0.0000, 0.8549
CMYK	0.18, 0.00, 0.85, 0.00
HSL	73°, 100%, 57%
HSV	73°, 85%, 100%
XYZ	62.1064, 85.0635, 14.8958
YIQ	216.0950, 41.9660, -77.7620

Conversions

Conversions Part 2

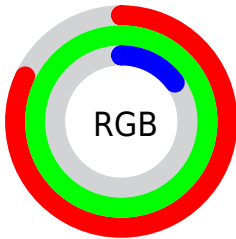
Format	Color
R _Y B	37, 255, 84
Decimal	13696805
CIE Lab	93.91, -39.87, 86.45
CIE LCh	94, 95.199, 114.761
Yxy	85.0635, 0.3832, 0.5249
Android (android.graphics.Color)	4291886885 (0xFFD0FF25)
YUV	216.0950, -88.2938, -7.0993
Hunter-Lab	92.2299, -41.2027, 54.9851

Details

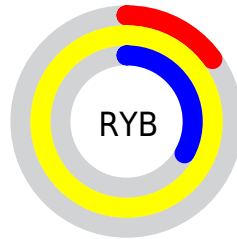
The YUV color **216.0950, -88.2938, -7.0993** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **75.9050, 88.2938, 7.0993**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1280, -64.6461, 14.7967**, and **160.4780, -79.1157, -10.9432** is the 20% darker color. If you saturate the color by 10%, you get **211.7500, -98.4767, -7.6738**, and if you desaturate by 10%, it is **220.5540, -77.6741, -6.6249**.

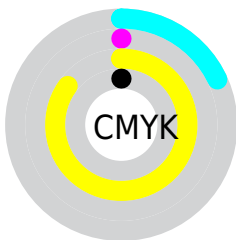
Distribution



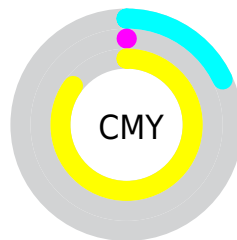
- Red (82%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (33%)



- Cyan (18%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.0950, -88.2938, -7.0993 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 216.0950, -88.2938, -7.0993 by changing the saturation by 10% instead.

216.0950,
-88.2938, -7.0993

216.0950,
-88.2938, -7.0993

255.0000, 0.0000,
0.0000

185.8840,
-91.6408, -6.9143

238.1280,
-64.6461, 14.7967

160.4780,
-79.1157, -10.9432

241.5480,
-51.5422, 11.7974

135.9580,
-67.0273, -14.8722

244.9680,
-38.4382, 8.7981

111.4380,
-54.9389, -18.8011

248.3880,
-25.3343, 5.7987

87.2060, -42.9926,
-23.8597

251.8080,
-12.2303, 2.7994

62.3650, -30.7459,
-31.8921

40.5030, -19.9680,

-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 12.9140, -6.3666,
-11.3256

■ 216.0950,
-88.2938, -7.0993

■ 216.0950,
-88.2938, -7.0993

■ 211.7500,
-98.4767, -7.6738

■ 220.5540,
-77.6741, -6.6249

■ 209.4850,
-103.2761, -8.3183

■ 225.1980,
-67.6386, -5.4356

■ 229.6570,
-57.0189, -4.9612

■ 234.3010,
-46.9834, -3.7720

■ 238.7600,
-36.3637, -3.2975

■ 243.4040,
-26.3282, -2.1083

■ 247.8630,
-15.7085, -1.6339

■ 252.5070, -5.6730,
-0.4446

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.



210.0810, -103.5699, 39.3940



216.0950, -88.2938, -7.0993



184.2670, -29.2186, -101.9662

Triad

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



216.0950, -88.2938, -7.0993



178.7550, 37.5888, -156.7681



191.0170, 31.5436, 56.1131

Complementary

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



216.0950, -88.2938, -7.0993



75.9050, 88.2938, 7.0993

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.



209.2140, 22.5725, 40.1543



216.0950, -88.2938, -7.0993



177.5810, 38.1676, -155.7385

Square

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



216.0950, -88.2938, -7.0993



178.7550, 37.5888, -156.7681



219.2060, 17.6464, -13.3357



184.9800, -9.3571, 61.4075

Rectangle

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



216.0950, -88.2938, -7.0993



170.8890, 7.4497, -149.8697



219.2060, 17.6464, -13.3357



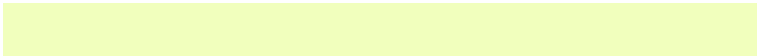
195.1260, 29.5179, 52.5095

Sweetspot

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



216.0950, -88.2938, -7.0993



243.2900, -26.7650, -2.0083



128.0100, -44.8679, 111.3702



120.7490, -16.1453, -1.5339



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.



216.0950, -88.2938, -7.0993



209.4850, -103.2761, -8.3183



184.4010, -72.6687, -72.2657



125.6210, -5.2362, -0.5446



156.9670, -77.3847, -6.1101



52.5180, -25.8914, -2.2083

Inverse Universe

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



75.9050, 88.2938, 7.0993



45.5150, 103.2761, 8.3183



107.5990, 72.6687, 72.2657



117.0800, 5.3836, -0.0702



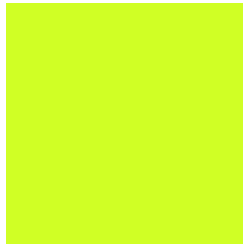
34.0330, 77.3847, 6.1101



11.4820, 25.8914, 2.2083

Previews

White Background



This preview shows how the YUV color 216.0950, -88.2938, -7.0993 looks on a white background.

Color Contrast Check

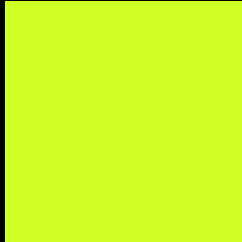
Large Text (above 18pt) WCAG AA × Fail

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 216.0950, -88.2938, -7.0993 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 216.0950, -88.2938, -7.0993 Background



This preview shows how black text looks on a background with the YUV color 216.0950, -88.2938, -7.0993.



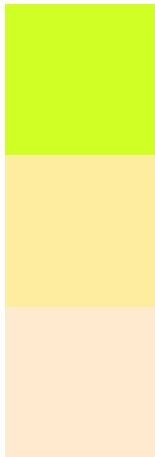
This preview shows how white text looks on a background with the YUV color 216.0950, -88.2938, -7.0993.

-7.0993.

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

216.0950, -88.2938, -7.0993

Protanopia

233.4900, -36.7236, 18.8643

Deuteranopia

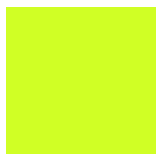
237.2010, -14.8891, 15.6097



Tritanopia

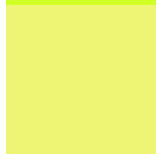
236.6600, 9.0416, -6.7178

Trichromacy



Original Color

216.0950, -88.2938, -7.0993



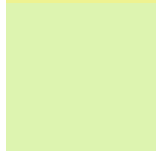
Protanomaly

227.5000, -55.4625, 9.2085



Deuteranomaly

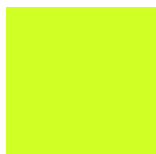
229.7460, -41.7798, 7.2388



Tritanomaly

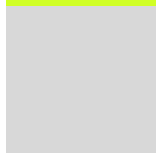
229.3710, -26.3119, -7.3414

Monochromacy



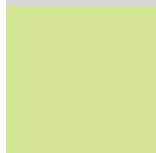
Original Color

216.0950, -88.2938, -7.0993



Achromatopsia

216.0000, 0.0000, 0.0000



Achromatomaly

215.9110, -32.0011, -2.5529

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.0950, -88.2938, -7.0993 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(208, 255, 37)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 37)  
}
```

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(208, 255, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 37) }
```

Border

The CSS property to change the border of an element to YUV 216.0950, -88.2938, -7.0993 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(208, 255, 37) }
```


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

```
.border{ border-color:rgb(208, 255, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 37);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 216.0950, -88.2938, -7.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 37) }
```

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

```
.background{ background-color: rgb(208,  
255, 37) }
```

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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