

Converting Colors

YUV(207.1380, -86.8360,
-8.0140)

Have a look what the booklet for
YUV(207.1380, -86.8360, -8.0140)
contains.

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Color

**YUV(207.1380, -86.8360,
-8.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F61F
RGB	198, 246, 31
RGB Percent	78%, 96%, 12%
CMY	0.2235, 0.0353, 0.8784
CMYK	0.20, 0.00, 0.87, 0.04
HSL	73°, 92%, 54%
HSV	73°, 87%, 96%
XYZ	56.4918, 78.0162, 13.3775
YIQ	207.1380, 40.4070, -77.0410

Conversions

Conversions Part 2

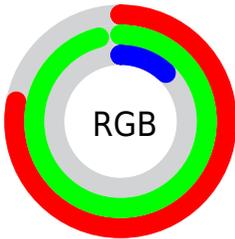
Format	Color
R _Y B	31, 246, 79
Decimal	13039135
CIE Lab	90.79, -39.90, 84.69
CIE LCh	91, 93.618, 115.227
Yxy	78.0162, 0.3820, 0.5275
Android (android.graphics.Color)	4291229215 (0xFFC6F61F)
YUV	207.1380, -86.8360, -8.0140
Hunter-Lab	88.3268, -40.4074, 52.8490

Details

The YUV color **207.1380, -86.8360, -8.0140** 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 **69.8620, 86.8360, 8.0140**, and the grayscale version is **208.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5580, -66.8301, 15.2966**, and **153.0910, -75.4739, -12.3578** is the 20% darker color. If you saturate the color by 10%, you get **202.7930, -97.0189, -8.5885**, and if you desaturate by 10%, it is **211.4830, -76.6531, -7.4396**.

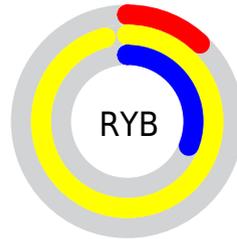
Distribution



Red (78%)

Green (96%)

Blue (12%)



Red (12%)

Yellow (96%)

Blue (31%)



Cyan (20%)

Magenta (0%)

Yellow (87%)

Black (4%)



Cyan (22%)

Magenta (4%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.1380, -86.8360, -8.0140 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 207.1380, -86.8360, -8.0140 by changing the saturation by 10% instead.

■ 207.1380,
-86.8360, -8.0140

■ 207.1380,
-86.8360, -8.0140

255.0000, 0.0000,
0.0000

■ 177.6110,
-87.5622, -8.4288

■ 237.5580,
-66.8301, 15.2966

■ 153.0910,
-75.4739, -12.3578

■ 241.0920,
-53.2894, 12.1973

■ 127.9840,
-63.0961, -15.7720

■ 244.3980,
-40.6222, 9.2980

■ 104.0510,
-51.2971, -20.2157

■ 247.8180,
-27.5183, 6.2986

■ 79.5200, -39.2034,
-25.8890

■ 251.2380,
-14.4143, 3.2993

■ 53.1840, -26.2197,
-36.9954

254.6580, -1.3104,

■ 36.3940, -17.9422,

0.2999

-31.9175

■ 23.4800, -11.5756,
-20.5920

■ 2.9350, -1.4470,
-2.5740

■ 207.1380,
-86.8360, -8.0140

■ 207.1380,
-86.8360, -8.0140

■ 202.7930,
-97.0189, -8.5885

■ 211.4830,
-76.6531, -7.4396

■ 201.5110,
-99.3449, -9.2181

■ 216.0130,
-67.0544, -6.1504

■ 220.3580,
-56.8715, -5.5760

■ 224.8880,
-47.2728, -4.2868

■ 229.2330,
-37.0899, -3.7123

■ 233.8770,
-27.0544, -2.5231

■ 238.1080,
-17.3082, -1.8487

■ 242.7520, -7.2727,
-0.6595

■ 246.9830, 2.4734,
0.0149

Harmonies

Analogous

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



205.3850, -101.2548, 43.5124



207.1380, -86.8360, -8.0140



179.6960, -29.9231, -109.3584

Triad

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



207.1380, -86.8360, -8.0140



178.7550, 37.5888, -156.7681



185.4090, 30.3644, 61.0313

Complementary

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



207.1380, -86.8360, -8.0140



69.8620, 86.8360, 8.0140

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.



204.5180, 24.8876, 44.2727



207.1380, -86.8360, -8.0140



172.2980, 40.7721, -151.1053

Square

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



207.1380, -86.8360, -8.0140



178.7550, 37.5888, -156.7681



212.1290, 21.1354, -12.3911



179.9590, -10.8258, 65.8110

Rectangle

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



207.1380, -86.8360, -8.0140



170.2050, 4.8289, -149.2698



212.1290, 21.1354, -12.3911



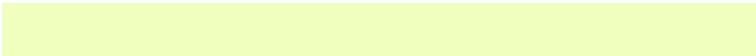
190.4300, 31.8330, 56.6279

Sweetspot

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



207.1380, -86.8360, -8.0140



242.9910, -26.6176, -2.6231



122.8740, -45.2939, 107.9815



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.



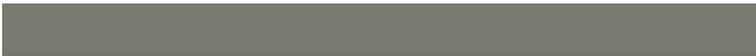
207.1380, -86.8360, -8.0140



208.8870, -102.9813, -9.5479



175.4440, -71.2109, -73.1804



120.0340, -4.9468, -0.0298



152.5370, -75.2007, -6.6099



48.3870, -23.8548, -2.0934

Inverse Universe

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



69.8620, 86.8360, 8.0140



46.1130, 102.9813, 9.5479



101.5560, 71.2109, 73.1804



112.2650, 4.7994, 0.6446



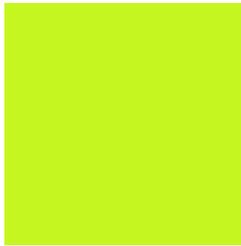
33.7620, 75.0533, 7.2247



10.6130, 23.8548, 2.0934

Previews

White Background



This preview shows how the YUV color 207.1380, -86.8360, -8.0140 looks on a white background.

Color Contrast Check

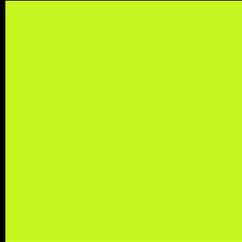
Large Text (above 18pt) WCAG AA × Fail

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 207.1380, -86.8360, -8.0140 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 207.1380, -86.8360, -8.0140 Background



This preview shows how black text looks on a background with the YUV color 207.1380, -86.8360, -8.0140.



This preview shows how white text looks on a background with the YUV color 207.1380, -86.8360, -8.0140.

-8.0140.

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

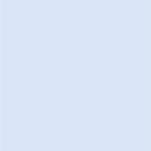
207.1380, -86.8360, -8.0140

Protanopia

218.1750, -72.5573, 32.2955

Deuteranopia

227.5520, -23.9361, 24.0719



Tritanopia

227.7630, 9.4838, -8.5622

Trichromacy



Original Color

207.1380, -86.8360, -8.0140



Protanomaly

214.2950, -78.0394, 17.2813



Deuteranomaly

219.8130, -46.7428, 12.4420



Tritanomaly

220.1860, -25.7277, -8.0561

Monochromacy



Original Color

207.1380, -86.8360, -8.0140



Achromatopsia

207.0000, 0.0000, 0.0000



Achromatomaly

207.0250, -31.5643, -2.6529

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.1380, -86.8360, -8.0140 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(198, 246, 31)` looks like.

```
.text, #text, p{  
    color:rgb(198, 246, 31)  
}
```

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(198, 246, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 246, 31) }
```

Border

The CSS property to change the border of an element to YUV 207.1380, -86.8360, -8.0140 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(198, 246, 31) }
```


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

```
.border{ border-color:rgb(198, 246, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 246, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 246, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 246, 31);  
box-shadow:4px 4px 4px 4px rgb(198, 246,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 207.1380, -86.8360, -8.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 246, 31) }
```

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

```
.background{ background-color: rgb(198,  
246, 31) }
```

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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