

Converting Colors

YUV(210.0000, -80.8520,
-14.0320)

Have a look what the booklet for
YUV(210.0000, -80.8520, -14.0320)
contains.

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Color

**YUV(210.0000, -80.8520,
-14.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FA2E
RGB	194, 250, 46
RGB Percent	76%, 98%, 18%
CMY	0.2392, 0.0196, 0.8196
CMYK	0.22, 0.00, 0.82, 0.02
HSL	76°, 95%, 58%
HSV	76°, 82%, 98%
XYZ	56.9269, 80.0378, 15.0332
YIQ	210.0000, 32.1080, -75.3160

Conversions

Conversions Part 2

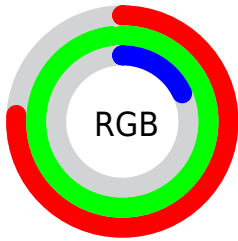
Format	Color
R _Y B	46, 250, 102
Decimal	12778030
CIE Lab	91.70, -42.77, 82.32
CIE LCh	92, 92.768, 117.451
Yxy	80.0378, 0.3745, 0.5266
Android (android.graphics.Color)	4290968110 (0xFFC2FA2E)
YUV	210.0000, -80.8520, -14.0320
Hunter-Lab	89.4639, -42.9801, 52.6618

Details

The YUV color **210.0000, -80.8520, -14.0320** 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 **86.0000, 80.8520, 14.0320**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2850, -62.7515, 13.7821**, and **153.6560, -75.7524, -16.3613** is the 20% darker color. If you saturate the color by 10%, you get **205.0570, -90.7401, -15.8360**, and if you desaturate by 10%, it is **214.9430, -70.9639, -12.2280**.

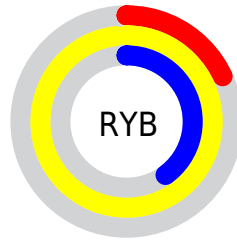
Distribution



Red (76%)

Green (98%)

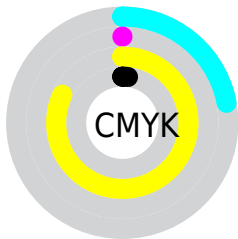
Blue (18%)



Red (18%)

Yellow (98%)

Blue (40%)

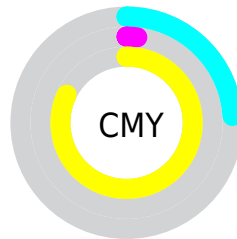


Cyan (22%)

Magenta (0%)

Yellow (82%)

Black (2%)



Cyan (24%)

Magenta (2%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.0000, -80.8520, -14.0320 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 210.0000, -80.8520, -14.0320 by changing the saturation by 10% instead.

210.0000,
-80.8520, -14.0320

210.0000,
-80.8520, -14.0320

255.0000, 0.0000,
0.0000

178.7630,
-88.1302, -12.9472

238.2850,
-62.7515, 13.7821

153.6560,
-75.7524, -16.3613

242.0040,
-49.7950, 11.3975

129.1360,
-63.6640, -20.2903

245.3100,
-37.1278, 8.4981

104.3170,
-51.4283, -24.8340

248.7300,
-24.0239, 5.4988

79.7860, -39.3345,
-30.5073

252.1500,
-10.9200, 2.4994

51.6560, -25.4664,
-45.3023

37.5680, -18.5210,

-32.9471

■ 25.2410, -12.4438,
-22.1364

■ 7.0440, -3.4727,
-6.1776

■ 210.0000,
-80.8520, -14.0320

■ 210.0000,
-80.8520, -14.0320

■ 205.0570,
-90.7401, -15.8360

■ 214.9430,
-70.9639, -12.2280

■ 200.8690,
-99.0284, -17.4251

■ 219.8860,
-61.0758, -10.4240

■ 224.8290,
-51.1877, -8.6200

■ 229.4730,
-41.1522, -7.4308

■ 234.4160,
-31.2641, -5.6268

■ 239.3590,
-21.3760, -3.8228

■ 244.3020,
-11.4879, -2.0189

■ 249.2450, -1.5998,
-0.2149

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

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



207.7330, -102.4124, 41.4532



210.0000, -80.8520, -14.0320



175.1550, -22.7544, -122.0389

Triad

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



210.0000, -80.8520, -14.0320



178.7550, 37.5888, -156.7681



186.7140, 27.7490, 59.8868

Complementary

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



210.0000, -80.8520, -14.0320



86.0000, 80.8520, 14.0320

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.



205.1050, 24.5982, 43.7579



210.0000, -80.8520, -14.0320



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.



210.0000, -80.8520, -14.0320



178.7550, 37.5888, -156.7681



216.9130, 18.7769, -2.5547



183.1390, -13.8725, 63.0221

Rectangle

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



210.0000, -80.8520, -14.0320



171.2310, 8.7601, -150.1696



216.9130, 18.7769, -2.5547



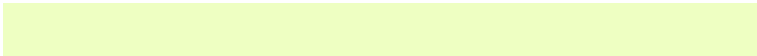
191.6040, 31.2542, 55.5983

Sweetspot

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



210.0000, -80.8520, -14.0320



242.9630, -24.1388, -4.3526



138.6940, -45.6981, 97.6154



120.4930, -14.5400, -3.0634



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.



210.0000, -80.8520, -14.0320



205.8690, -99.0284, -17.4251



180.1000, -66.1113, -75.5097



122.6210, -5.2362, -0.5446



151.9060, -74.8897, -13.0726



48.9630, -24.1388, -4.3526

Inverse Universe

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



86.0000, 80.8520, 14.0320



54.1310, 99.0284, 17.4251



115.9000, 66.1113, 75.5097



114.6780, 5.0887, 1.1594



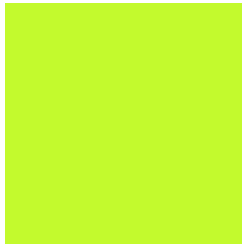
37.0940, 74.8897, 13.0726



12.0370, 24.1388, 4.3526

Previews

White Background



This preview shows how the YUV color 210.0000, -80.8520, -14.0320 looks on a white background.

Color Contrast Check

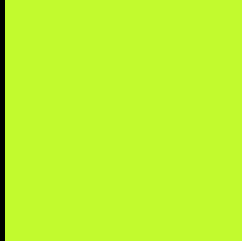
Large Text (above 18pt) WCAG AA × Fail

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 210.0000, -80.8520, -14.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

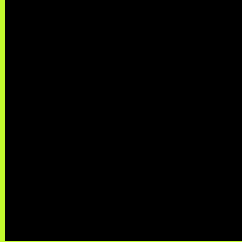
Any Text WCAG AA ✓ Pass

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 210.0000, -80.8520, -14.0320 Background



This preview shows how black text looks on a background with the YUV color 210.0000, -80.8520, -14.0320.



This preview shows how white text looks on a background with the YUV color 210.0000, -80.8520, -14.0320.

-14.0320.

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

210.0000, -80.8520, -14.0320

Protanopia

223.8120, -58.5743, 27.3519

Deuteranopia

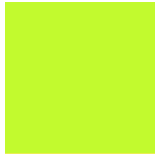
230.3390, -20.8731, 21.6277



Tritanopia

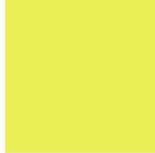
229.6700, 10.5157, -12.8656

Trichromacy



Original Color

210.0000, -80.8520, -14.0320



Protanomaly

218.9490, -66.5299, 12.3227



Deuteranomaly

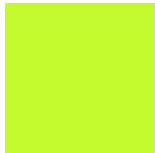
223.1160, -42.9482, 8.6683



Tritanomaly

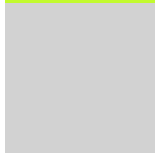
222.2500, -22.8012, -13.3742

Monochromacy



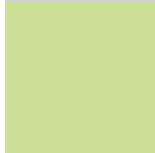
Original Color

210.0000, -80.8520, -14.0320



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.1710, -29.6643, -5.4120

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.0000, -80.8520, -14.0320 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(194, 250, 46)` looks like.

```
.text, #text, p{  
    color:rgb(194, 250, 46)  
}
```

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(194, 250, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 250, 46) }
```

Border

The CSS property to change the border of an element to YUV 210.0000, -80.8520, -14.0320 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(194, 250, 46) }
```


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

```
.border{ border-color:rgb(194, 250, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 250, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 250, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 250, 46);  
box-shadow:4px 4px 4px 4px rgb(194, 250,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 210.0000, -80.8520, -14.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 250, 46) }
```

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

```
.background{ background-color: rgb(194,  
250, 46) }
```

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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