

Converting Colors

YUV(212.3520, -78.0675,
-20.4797)

Have a look what the booklet for
YUV(212.3520, -78.0675, -20.4797)
contains.

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Color

**YUV(212.3520, -78.0675,
-20.4797)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF36
RGB	189, 255, 54
RGB Percent	74%, 100%, 21%
CMY	0.2588, 0.0000, 0.7882
CMYK	0.26, 0.00, 0.79, 0.00
HSL	80°, 100%, 61%
HSV	80°, 79%, 100%
XYZ	57.4121, 82.6052, 16.4085
YIQ	212.3520, 25.1850, -76.5030

Conversions

Conversions Part 2

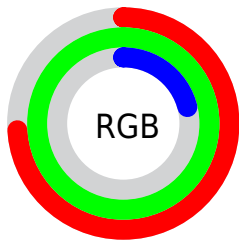
Format	Color
RYB	54, 255, 120
Decimal	12451638
CIELab	92.84, -46.48, 81.23
CIELCh	93, 93.587, 119.781
Yxy	82.6052, 0.3670, 0.5281
Android (android.graphics.Color)	4290641718 (0xFFBDF36)
YUV	212.3520, -78.0675, -20.4797
Hunter-Lab	90.8874, -46.2973, 52.9172

Details

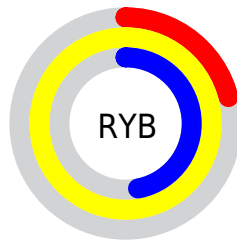
The YUV color **212.3520, -78.0675, -20.4797** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **96.6480, 78.0675, 20.4797**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4740, -59.3937, 10.1083**, and **155.0960, -76.4623, -22.0092** is the 20% darker color. If you saturate the color by 10%, you get **206.9960, -88.2450, -22.7985**, and if you desaturate by 10%, it is **217.7080, -67.8900, -18.1609**.

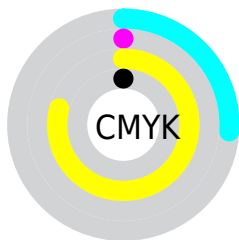
Distribution



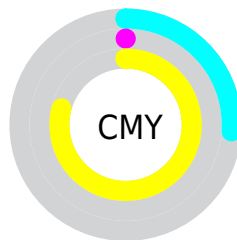
- Red (74%)
- Green (100%)
- Blue (21%)



- Red (21%)
- Yellow (100%)
- Blue (47%)



- Cyan (26%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3520, -78.0675, -20.4797 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 212.3520, -78.0675, -20.4797 by changing the saturation by 10% instead.

212.3520,
-78.0675, -20.4797

212.3520,
-78.0675, -20.4797

255.0000, 0.0000,
0.0000

180.2030,
-88.8401, -18.5950

237.4740,
-59.3937, 10.1083

155.0960,
-76.4623, -22.0092

242.6880,
-47.1742, 10.7976

129.6900,
-63.9372, -26.0381

245.9940,
-34.5070, 7.8983

105.4580,
-51.9908, -31.0967

249.4140,
-21.4031, 4.8989

79.7420, -39.3128,
-37.4847

252.8340, -8.2992,
1.8996

54.0040, -26.6240,
-47.3615

39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 10.5660, -5.2090,
-9.2664

■ 212.3520,
-78.0675, -20.4797

■ 212.3520,
-78.0675, -20.4797

■ 206.9960,
-88.2450, -22.7985

■ 217.7080,
-67.8900, -18.1609

■ 201.4550,
-97.8383, -25.8320

■ 223.2490,
-58.2968, -15.1274

■ 200.8140,
-99.0013, -26.1469

■ 228.6050,
-48.1193, -12.8086

■ 233.8470,
-38.3786, -10.3898

■ 239.3880,
-28.7853, -7.3563

■ 244.7440,
-18.6078, -5.0375

■ 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.



211.2550, -104.1487, 38.3644



212.3520, -78.0675, -20.4797



165.4170, -13.5166, -145.0707

Triad

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



212.3520, -78.0675, -20.4797



178.7550, 37.5888, -156.7681



187.4320, 25.4230, 59.2571

Complementary

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



212.3520, -78.0675, -20.4797



96.6480, 78.0675, 20.4797

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



212.3520, -78.0675, -20.4797



172.8850, 40.4827, -151.6201

Square

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



212.3520, -78.0675, -20.4797



178.7550, 37.5888, -156.7681



221.6970, 16.4184, 7.2817



185.5040, -17.5035, 60.9480

Rectangle

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



212.3520, -78.0675, -20.4797



172.3710, 13.1281, -151.1694



221.6970, 16.4184, 7.2817



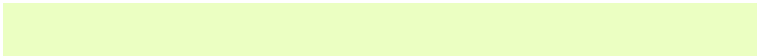
192.1910, 30.9648, 55.0835

Sweetspot

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



212.3520, -78.0675, -20.4797



242.0660, -23.6965, -6.1969



151.6670, -48.1498, 90.6230



119.8950, -14.2452, -4.2929



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.



212.3520, -78.0675, -20.4797



203.4920, -93.9126, -24.9875



183.0500, -63.6217, -80.7279



125.0230, -4.9413, -1.7742



150.3890, -74.1418, -19.6352



50.4250, -24.8595, -6.5117

Inverse Universe

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



96.6480, 78.0675, 20.4797



64.2090, 94.0600, 24.3727



125.9500, 63.6217, 80.7279



117.6780, 5.0887, 1.1594



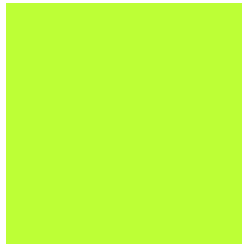
40.6110, 74.1418, 19.6352



13.5750, 24.8595, 6.5117

Previews

White Background



This preview shows how the YUV color 212.3520, -78.0675, -20.4797 looks on a white background.

Color Contrast Check

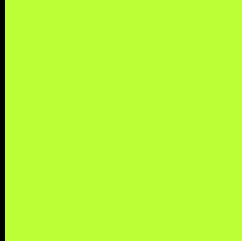
Large Text (above 18pt) WCAG AA × Fail

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 212.3520, -78.0675, -20.4797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

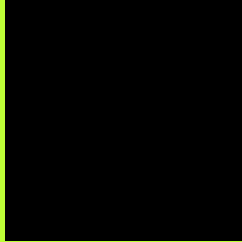
Any Text WCAG AA ✓ Pass

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 212.3520, -78.0675, -20.4797 Background



This preview shows how black text looks on a background with the YUV color 212.3520, -78.0675, -20.4797.

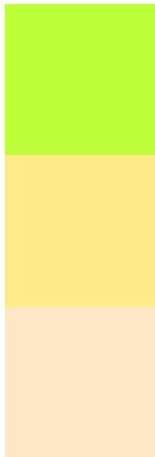


This preview shows how white text looks on a background with the YUV color 212.3520, -78.0675, -20.4797.

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

212.3520, -78.0675, -20.4797

Protanopia

228.9930, -46.3385, 22.8081

Deuteranopia

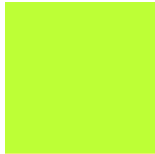
233.7130, -18.0995, 18.6687



Tritanopia

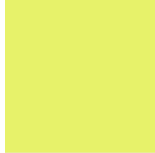
231.8760, 11.4001, -16.5543

Trichromacy



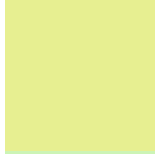
Original Color

212.3520, -78.0675, -20.4797



Protanomaly

223.2070, -57.7831, 6.8345



Deuteranomaly

225.8920, -39.8798, 4.4797



Tritanomaly

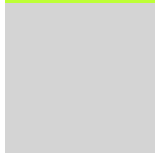
224.9720, -21.1852, -18.3924

Monochromacy



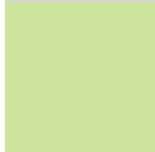
Original Color

212.3520, -78.0675, -20.4797



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.5020, -28.3485, -7.4563

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3520, -78.0675, -20.4797 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(189, 255, 54)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 54)  
}
```

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(189, 255, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 54) }
```

Border

The CSS property to change the border of an element to YUV 212.3520, -78.0675, -20.4797 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(189, 255, 54) }
```


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

```
.border{ border-color:rgb(189, 255, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 54);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 212.3520, -78.0675, -20.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 54) }
```

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

```
.background{ background-color: rgb(189,  
255, 54) }
```

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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