

Converting Colors

YUV(210.7330, -79.2414,
-17.3058)

Have a look what the booklet for
YUV(210.7330, -79.2414, -17.3058)
contains.

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Color

**YUV(210.7330, -79.2414,
-17.3058)**

Conversions

Conversions Part 1

Format	Color
Hex	BFFC32
RGB	191, 252, 50
RGB Percent	75%, 99%, 20%
CMY	0.2510, 0.0118, 0.8039
CMYK	0.24, 0.00, 0.80, 0.01
HSL	78°, 97%, 59%
HSV	78°, 80%, 99%
XYZ	56.8720, 80.9275, 15.6407
YIQ	210.7330, 28.4860, -75.7540

Conversions

Conversions Part 2

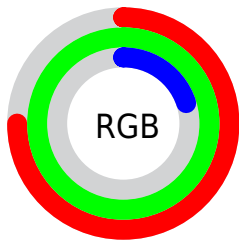
Format	Color
RYB	50, 252, 111
Decimal	12581938
CIELab	92.10, -44.61, 81.63
CIElCh	92, 93.030, 118.657
Yxy	80.9275, 0.3706, 0.5274
Android (android.graphics.Color)	4290772018 (0xFFBFFC32)
YUV	210.7330, -79.2414, -17.3058
Hunter-Lab	89.9597, -44.5828, 52.6634

Details

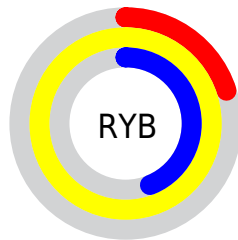
The YUV color **210.7330, -79.2414, -17.3058** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **91.2670, 79.2414, 17.3058**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7300, -60.9989, 11.6378**, and **153.9330, -75.8890, -19.2352** is the 20% darker color. If you saturate the color by 10%, you get **205.4910, -88.9821, -19.7246**, and if you desaturate by 10%, it is **215.9750, -69.5007, -14.8871**.

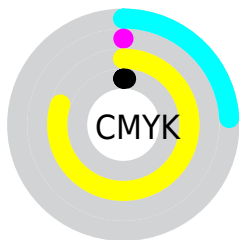
Distribution



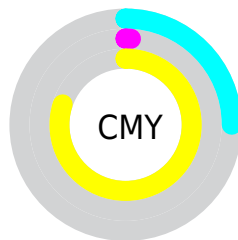
- Red (75%)
- Green (99%)
- Blue (20%)



- Red (20%)
- Yellow (99%)
- Blue (44%)



- Cyan (24%)
- Magenta (0%)
- Yellow (80%)
- Black (1%)



- Cyan (25%)
- Magenta (1%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7330, -79.2414, -17.3058 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 210.7330, -79.2414, -17.3058 by changing the saturation by 10% instead.

■ 210.7330,
-79.2414, -17.3058

■ 210.7330,
-79.2414, -17.3058

255.0000, 0.0000,
0.0000

■ 179.0400,
-88.2667, -15.8211

■ 237.7300,
-60.9989, 11.6378

■ 153.9330,
-75.8890, -19.2352

■ 242.3460,
-48.4846, 11.0976

■ 129.4130,
-63.8006, -23.1642

■ 245.6520,
-35.8174, 8.1982

■ 104.5940,
-51.5648, -27.7079

■ 249.0720,
-22.7135, 5.1989

■ 79.4650, -39.1762,
-34.6108

■ 252.3780,
-10.0464, 2.2995

■ 52.8300, -26.0452,
-46.3319

■ 38.7420, -19.0998,

-33.9767

■ 25.8280, -12.7332,
-22.6512

■ 8.2180, -4.0515,
-7.2072

■ 210.7330,
-79.2414, -17.3058

■ 210.7330,
-79.2414, -17.3058

■ 205.4910,
-88.9821, -19.7246

■ 215.9750,
-69.5007, -14.8871

■ 200.5480,
-98.8702, -21.5286

■ 220.9180,
-59.6126, -13.0831

■ 226.2740,
-49.4351, -10.7643

■ 231.2170,
-39.5470, -8.9603

■ 236.4590,
-29.8063, -6.5415

■ 241.7010,
-20.0656, -4.1228

■ 246.6440,
-10.1775, -2.3188

■ 252.0000, 0.0000,
0.0000

■ 253.2390, 0.8682,
1.5444

Harmonies

Analogous

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



209.4940, -103.2805, 39.9088



210.7330, -79.2414, -17.3058



165.2600, -15.4112, -144.0560

Triad

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



210.7330, -79.2414, -17.3058



178.7550, 37.5888, -156.7681



186.9590, 26.1492, 59.6720

Complementary

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



210.7330, -79.2414, -17.3058



91.2670, 79.2414, 17.3058

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



210.7330, -79.2414, -17.3058



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.



210.7330, -79.2414, -17.3058



178.7550, 37.5888, -156.7681



218.7180, 17.8870, 2.8783



183.9710, -15.7617, 62.2924

Rectangle

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



210.7330, -79.2414, -17.3058



171.8010, 10.9441, -150.6695



218.7180, 17.8870, 2.8783



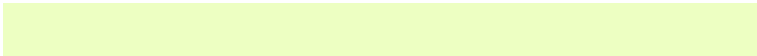
191.6040, 31.2542, 55.5983

Sweetspot

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



210.7330, -79.2414, -17.3058



242.6640, -23.9914, -4.9673



146.2050, -47.4291, 92.7822



120.1940, -14.3926, -3.6781



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.



210.7330, -79.2414, -17.3058



204.9440, -96.1074, -20.9989



180.5340, -64.3533, -79.3983



122.3220, -5.0887, -1.1594



150.4110, -74.1526, -16.1464



48.6640, -23.9914, -4.9673

Inverse Universe

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



91.2670, 79.2414, 17.3058



60.0560, 96.1074, 20.9989



121.4660, 64.3533, 79.3983



114.6780, 5.0887, 1.1594



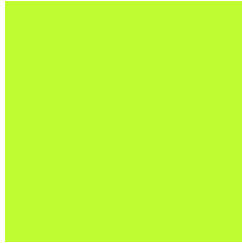
38.5890, 74.1526, 16.1464



12.3360, 23.9914, 4.9673

Previews

White Background



This preview shows how the YUV color 210.7330, -79.2414, -17.3058 looks on a white background.

Color Contrast Check

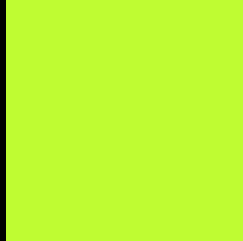
Large Text (above 18pt) WCAG AA × Fail

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 210.7330, -79.2414, -17.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

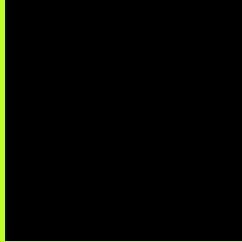
Any Text WCAG AA ✓ Pass

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 210.7330, -79.2414, -17.3058 Background



This preview shows how black text looks on a background with the YUV color 210.7330, -79.2414, -17.3058.



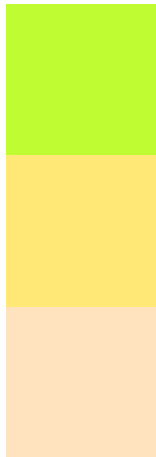
This preview shows how white text looks on a background with the YUV color 210.7330, -79.2414, -17.3058.

-17.3058.

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

210.7330, -79.2414, -17.3058

Protanopia

225.7670, -53.6221, 25.6373

Deuteranopia

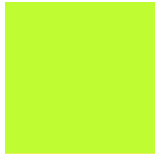
231.2680, -19.8521, 20.8130



Tritanopia

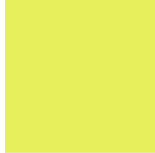
230.4740, 11.1053, -15.3247

Trichromacy



Original Color

210.7330, -79.2414, -17.3058



Protanomaly

220.2630, -62.7407, 10.2933



Deuteranomaly

223.8600, -41.3430, 7.1388



Tritanomaly

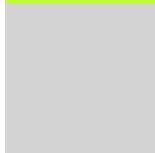
223.1680, -21.7748, -15.9333

Monochromacy



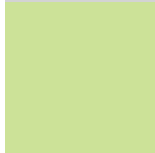
Original Color

210.7330, -79.2414, -17.3058



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.9860, -29.0801, -6.1267

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7330, -79.2414, -17.3058 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(191, 252, 50)` looks like.

```
.text, #text, p{  
    color:rgb(191, 252, 50)  
}
```

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(191, 252, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 252, 50) }
```

Border

The CSS property to change the border of an element to YUV 210.7330, -79.2414, -17.3058 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(191, 252, 50) }
```


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

```
.border{ border-color:rgb(191, 252, 50) }
```

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

Here you see how a box with a 4 pixel rgb(191, 252, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 252, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 252, 50);  
box-shadow:4px 4px 4px 4px rgb(191, 252,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 210.7330, -79.2414, -17.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 252, 50) }
```

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

```
.background{ background-color: rgb(191,  
252, 50) }
```

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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