

Converting Colors

YUV(222.7740, -84.6846,
1.9522)

Have a look what the booklet for
YUV(222.7740, -84.6846, 1.9522)
contains.

YUV(222.7740, -84.6846, 1.9522)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(222.7740, -84.6846,
1.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	E1FF33
RGB	225, 255, 51
RGB Percent	88%, 100%, 20%
CMY	0.1176, 0.0000, 0.8000
CMYK	0.12, 0.00, 0.80, 0.00
HSL	69°, 100%, 60%
HSV	69°, 80%, 100%
XYZ	67.4089, 87.7666, 16.5198
YIQ	222.7740, 47.6040, -69.8040

Conversions

Conversions Part 2

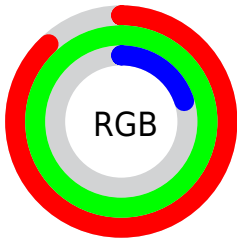
Format	Color
R_{YB}	51, 255, 81
Decimal	14810931
CIE _{Lab}	95.06, -32.83, 84.82
CIE _{LCh}	95, 90.947, 111.158
Yxy	87.7666, 0.3926, 0.5112
Android (android.graphics.Color)	4293001011 (0xFFE1FF33)
YUV	222.7740, -84.6846, 1.9522
Hunter-Lab	93.6838, -35.5095, 55.1237

Details

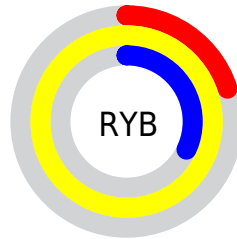
The YUV color **222.7740, -84.6846, 1.9522** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **83.2260, 84.6846, -1.9522**, and the grayscale version is **224.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1540, -60.7149, 13.8969**, and **165.5610, -81.6216, -0.4920** is the 20% darker color. If you saturate the color by 10%, you get **218.6140, -95.4517, 2.0925**, and if you desaturate by 10%, it is **226.9340, -73.9175, 1.8119**.

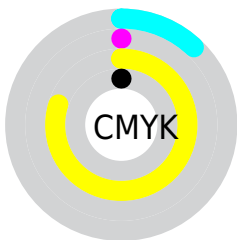
Distribution



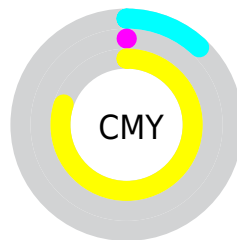
- Red (88%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (32%)



- Cyan (12%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.7740, -84.6846, 1.9522 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 222.7740, -84.6846, 1.9522 by changing the saturation by 10% instead.

222.7740,
-84.6846, 1.9522

222.7740,
-84.6846, 1.9522

255.0000, 0.0000,
0.0000

190.9670,
-94.1467, 3.5369

239.1540,
-60.7149, 13.8969

165.5610,
-81.6216, -0.4920

242.5740,
-47.6110, 10.8976

141.0410,
-69.5332, -4.4210

245.8800,
-34.9438, 7.9982

116.5210,
-57.4449, -8.3499

249.3000,
-21.8399, 4.9989

93.1750, -45.9353,
-13.3085

252.7200, -8.7360,
1.9996

69.8290, -34.4257,
-18.2670

46.1730, -22.7633,

-25.5847

■ 27.5890, -13.6014,
-24.1956

■ 15.2620, -7.5242,
-13.3848

■ 222.7740,
-84.6846, 1.9522

■ 222.7740,
-84.6846, 1.9522

■ 218.6140,
-95.4517, 2.0925

■ 226.9340,
-73.9175, 1.8119

■ 214.8670,
-105.9294, 2.7476

■ 230.9800,
-63.5871, 1.7715

■ 234.8410,
-52.6726, 1.0164

■ 238.8870,
-42.3423, 0.9761

■ 243.0470,
-31.5752, 0.8358

■ 247.0930,
-21.2448, 0.7954

■ 250.9540,
-10.3303, 0.0403

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.



214.1680, -85.3718, 35.8097



222.7740, -84.6846, 1.9522



196.8960, -36.4307, -75.3308

Triad

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



222.7740, -84.6846, 1.9522



178.7550, 37.5888, -156.7681



198.0610, 28.0709, 49.9355

Complementary

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



222.7740, -84.6846, 1.9522



83.2260, 84.6846, -1.9522

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.



216.2580, 19.0998, 33.9767



222.7740, -84.6846, 1.9522



178.7550, 37.5888, -156.7681

Square

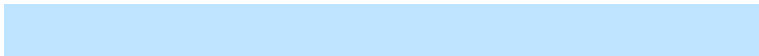
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.7740, -84.6846, 1.9522



178.7550, 37.5888, -156.7681



219.7160, 17.3950, -26.0609



191.0270, -3.9573, 56.1043

Rectangle

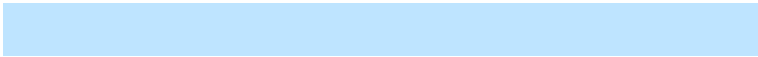
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.7740, -84.6846, 1.9522



170.3190, 5.2657, -149.3698



219.7160, 17.3950, -26.0609



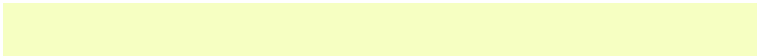
202.7570, 25.7558, 45.8171

Sweetspot

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



222.7740, -84.6846, 1.9522



245.3550, -25.3180, 0.5657



127.8450, -37.8846, 111.5149



121.9880, -15.2771, 0.0105



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.



222.7740, -84.6846, 1.9522



216.3060, -101.7089, 2.3626



193.1730, -70.0913, -58.9107



125.9200, -5.3836, 0.0702



160.8540, -79.3010, 1.8820



53.7140, -26.4810, 0.2508

Inverse Universe

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



83.2260, 84.6846, -1.9522



48.6940, 101.7089, -2.3626



112.8270, 70.0913, 58.9107



117.0800, 5.3836, -0.0702



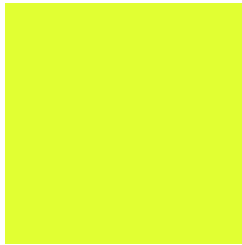
30.1460, 79.3010, -1.8820



9.9870, 26.6284, -0.8656

Previews

White Background



This preview shows how the YUV color 222.7740, -84.6846, 1.9522 looks on a white background.

Color Contrast Check

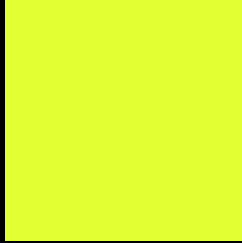
Large Text (above 18pt) WCAG AA × Fail

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 222.7740, -84.6846, 1.9522 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 222.7740, -84.6846, 1.9522

Background



This preview shows how black text looks on a background with the YUV color 222.7740, -84.6846, 1.9522.



This preview shows how white text looks on a background with the YUV color 222.7740, -84.6846, 1.9522.

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

222.7740, -84.6846, 1.9522

Protanopia

238.4600, -27.8348, 14.5056

Deuteranopia

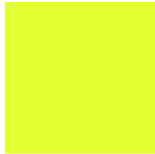
240.6890, -11.6787, 12.5507



Tritanopia

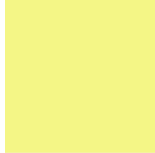
241.7320, 6.5411, 1.9890

Trichromacy



Original Color

222.7740, -84.6846, 1.9522



Protanomaly

232.6340, -48.6266, 9.9680



Deuteranomaly

234.0820, -38.0014, 8.6981



Tritanomaly

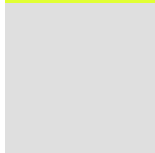
234.7250, -26.4864, 1.9952

Monochromacy



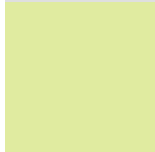
Original Color

222.7740, -84.6846, 1.9522



Achromatopsia

223.0000, 0.0000, 0.0000



Achromatomaly

223.1610, -31.1384, 0.7358

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.7740, -84.6846, 1.9522 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(225, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 51)  
}
```

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(225, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 51) }
```

Border

The CSS property to change the border of an element to YUV 222.7740, -84.6846, 1.9522 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(225, 255, 51) }
```


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

```
.border{ border-color:rgb(225, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 222.7740, -84.6846, 1.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 51) }
```

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

```
.background{ background-color: rgb(225,  
255, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor