

Converting Colors

YUV(217.6840, -41.2562,
-20.7709)

Have a look what the booklet for
YUV(217.6840, -41.2562, -20.7709)
contains.

YUV(217.6840, -41.2562, -20.7709)	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(217.6840, -41.2562,
-20.7709)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F686
RGB	194, 246, 134
RGB Percent	76%, 96%, 53%
CMY	0.2392, 0.0353, 0.4745
CMYK	0.21, 0.00, 0.46, 0.04
HSL	88°, 86%, 75%
HSV	88°, 46%, 96%
XYZ	59.5070, 79.1021, 34.6861
YIQ	217.6840, 4.9600, -45.8560

Conversions

Conversions Part 2

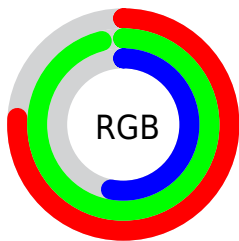
Format	Color
RYB	134, 246, 186
Decimal	12777094
CIELab	91.28, -34.68, 48.37
CIElCh	91, 59.518, 125.634
Yxy	79.1021, 0.3434, 0.4565
Android (android.graphics.Color)	4290967174 (0xFFC2F686)
YUV	217.6840, -41.2562, -20.7709
Hunter-Lab	88.9394, -36.2142, 39.1346

Details

The YUV color **217.6840, -41.2562, -20.7709** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **162.3160, 41.2562, 20.7709**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.5790, -28.3864, 4.7542**, and **161.4390, -39.6564, -20.5560** is the 20% darker color. If you saturate the color by 10%, you get **211.5450, -50.5547, -25.0340**, and if you desaturate by 10%, it is **223.8230, -31.9577, -16.5078**.

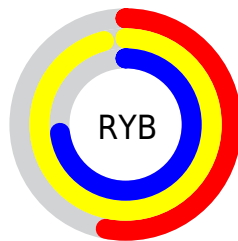
Distribution



Red (76%)

Green (96%)

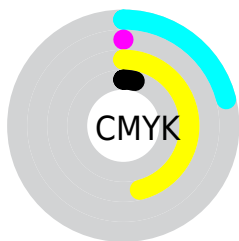
Blue (53%)



Red (53%)

Yellow (96%)

Blue (73%)

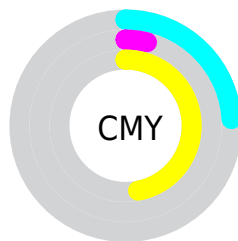


Cyan (21%)

Magenta (0%)

Yellow (46%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.6840, -41.2562, -20.7709 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 217.6840, -41.2562, -20.7709 by changing the saturation by 10% instead.

■ 217.6840,
-41.2562, -20.7709

■ 217.6840,
-41.2562, -20.7709

255.0000, 0.0000,
0.0000

■ 189.2110,
-40.5300, -20.3560

■ 246.5790,
-28.3864, 4.7542

■ 161.4390,
-39.6564, -20.5560

■ 250.6680,
-16.5983, 3.7992

■ 134.6670,
-38.7828, -20.7560

■ 253.9740, -3.9312,
0.8998

■ 108.1400,
-39.5090, -21.1708

■ 81.9120, -40.3826,
-20.9708

■ 58.8650, -29.0204,
-25.3146

■ 36.3940, -17.9422,

-31.9175

■ 23.4800, -11.5756,
-20.5920

■ 5.2830, -2.6045,
-4.6332

■ 217.6840,
-41.2562, -20.7709

■ 217.6840,
-41.2562, -20.7709

■ 211.5450,
-50.5547, -25.0340

■ 223.8230,
-31.9577, -16.5078

■ 205.2210,
-59.2690, -30.0118

■ 230.1470,
-23.2435, -11.5299

■ 199.0820,
-68.5674, -34.2749

■ 236.2860,
-13.9450, -7.2668

■ 192.7580,
-77.2817, -39.2528

■ 242.6100, -5.2307,
-2.2890

■ 186.6190,
-86.5802, -43.5159

■ 248.5210, 3.1941,
2.1741

■ 183.8700,
-90.6479, -45.4900

■ 249.7170, 2.6045,
4.6332

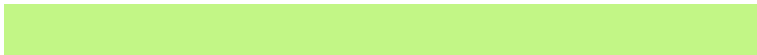
Harmonies

Analogous

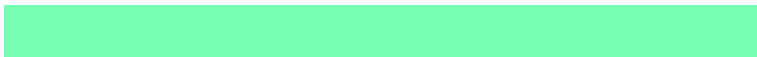
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.8380, -54.6431, 26.4521



217.6840, -41.2562, -20.7709



205.6010, -12.1283, -76.8261

Triad

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



217.6840, -41.2562, -20.7709



174.6460, 39.6145, -153.1645



208.2730, 6.2744, 40.9796

Complementary

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



217.6840, -41.2562, -20.7709



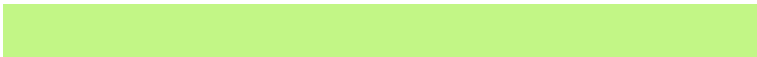
162.3160, 41.2562, 20.7709

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.



217.4320, 18.5210, 32.9471



217.6840, -41.2562, -20.7709



211.5990, 21.3967, -49.6373

Square

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



217.6840, -41.2562, -20.7709



178.7550, 37.5888, -156.7681



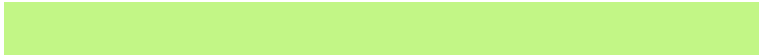
227.3780, 13.6176, 18.9625



207.2860, -20.3540, 41.8452

Rectangle

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



217.6840, -41.2562, -20.7709



174.6510, 21.8641, -153.1689



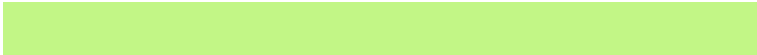
227.3780, 13.6176, 18.9625



211.1400, 14.7210, 38.4652

Sweetspot

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



217.6840, -41.2562, -20.7709



245.8130, -13.2188, -6.8520



196.8380, -30.9791, 43.1151



122.2030, -7.9881, -4.5630



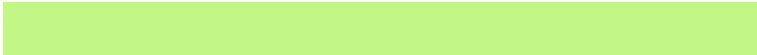
0.0000, 0.0000, 0.0000



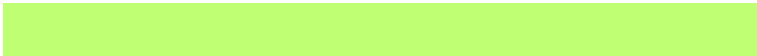
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.6840, -41.2562, -20.7709



219.6050, -51.5703, -25.9636



201.5380, -33.2962, -53.9688



119.1370, -4.5045, -1.8741



139.0820, -68.5674, -34.2749



43.9020, -21.6437, -11.3151

Inverse Universe

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



162.3160, 41.2562, 20.7709



150.3950, 51.5703, 25.9636



178.4620, 33.2962, 53.9688



113.1620, 4.3571, 2.4889



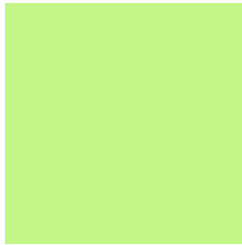
46.9180, 68.5674, 34.2749



14.7990, 21.7911, 10.7003

Previews

White Background



This preview shows how the YUV color 217.6840, -41.2562, -20.7709 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 217.6840, -41.2562, -20.7709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

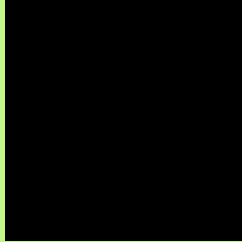
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

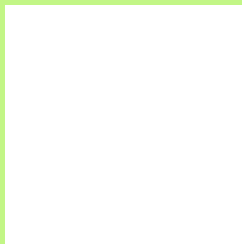
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.6840, -41.2562, -20.7709 Background



This preview shows how black text looks on a background with the YUV color 217.6840, -41.2562, -20.7709.



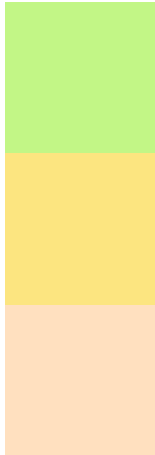
This preview shows how white text looks on a background with the YUV color 217.6840, -41.2562, -20.7709.

-20.7709.

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

217.6840, -41.2562, -20.7709

Protanopia

224.3630, -47.5070, 24.2376

Deuteranopia

229.5070, -18.9840, 22.3574



Tritanopia

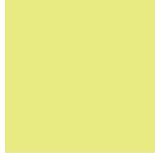
228.1750, 11.2527, -15.9395

Trichromacy



Original Color

217.6840, -41.2562, -20.7709



Protanomaly

221.8340, -45.2742, 8.0386



Deuteranomaly

225.2310, -27.2289, 6.8134



Tritanomaly

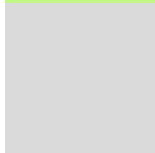
224.4140, -8.0921, -17.9031

Monochromacy



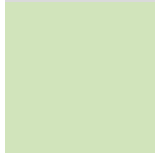
Original Color

217.6840, -41.2562, -20.7709



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.6450, -15.1080, -7.5817

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.6840, -41.2562, -20.7709 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, 246, 134)` looks like.

```
.text, #text, p{  
    color:rgb(194, 246, 134)  
}
```

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, 246, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 246, 134) }
```

Border

The CSS property to change the border of an element to YUV 217.6840, -41.2562, -20.7709 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, 246, 134) }
```


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

```
.border{ border-color:rgb(194, 246, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 246, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 246, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 246, 134); box-shadow:4px 4px 4px 4px rgb(194, 246, 134) }
```

Background

The CSS property to change the background color of an element to YUV 217.6840, -41.2562, -20.7709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 246, 134) }
```

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

```
.background{ background-color: rgb(194,  
246, 134) }
```

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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double the colors in the color bucket, and more
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