

Converting Colors

YUV(211.6250, -82.1461,
-18.9651)

Have a look what the booklet for
YUV(211.6250, -82.1461, -18.9651)
contains.

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Color

**YUV(211.6250, -82.1461,
-18.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFF2D
RGB	190, 255, 45
RGB Percent	75%, 100%, 18%
CMY	0.2549, 0.0000, 0.8235
CMYK	0.25, 0.00, 0.82, 0.00
HSL	79°, 100%, 59%
HSV	79°, 82%, 100%
XYZ	57.4689, 82.6566, 15.4080
YIQ	211.6250, 28.6700, -79.0900

Conversions

Conversions Part 2

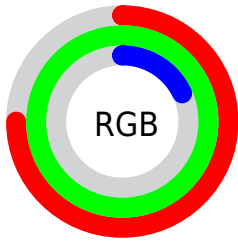
Format	Color
RYB	45, 255, 110
Decimal	12517165
CIELab	92.86, -46.44, 83.47
CIElCh	93, 95.524, 119.089
Yxy	82.6566, 0.3695, 0.5314
Android (android.graphics.Color)	4290707245 (0xFFBEFF2D)
YUV	211.6250, -82.1461, -18.9651
Hunter-Lab	90.9157, -46.2705, 53.5927

Details

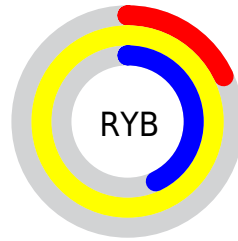
The YUV color $211.6250, -82.1461, -18.9651$ is a light color, and the websafe version is hex $CCFF33$. The color can be described as light washed chartreuse. A complement of this color would be $88.3750, 82.1461, 18.9651$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.3880, -62.3093, 11.9377$, and $155.3950, -76.6097, -21.3944$ is the 20% darker color. If you saturate the color by 10%, you get $206.3830, -91.8868, -21.3839$, and if you desaturate by 10%, it is $216.9810, -71.9686, -16.6463$.

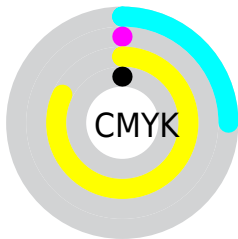
Distribution



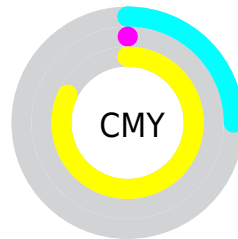
- Red (75%)
- Green (100%)
- Blue (18%)



- Red (18%)
- Yellow (100%)
- Blue (43%)



- Cyan (25%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.6250, -82.1461, -18.9651 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 211.6250, -82.1461, -18.9651 by changing the saturation by 10% instead.

211.6250,
-82.1461, -18.9651

211.6250,
-82.1461, -18.9651

255.0000, 0.0000,
0.0000

180.5020,
-88.9875, -17.9803

237.3880,
-62.3093, 11.9377

155.3950,
-76.6097, -21.3944

242.0040,
-49.7950, 11.3975

129.9890,
-64.0846, -25.4234

245.4240,
-36.6910, 8.3982

105.7570,
-52.1382, -30.4819

248.7300,
-24.0239, 5.4988

79.7420, -39.3128,
-37.4847

252.1500,
-10.9200, 2.4994

54.0040, -26.6240,
-47.3615

39.9160, -19.6786,

-35.0063

■ 26.4150, -13.0226,
-23.1660

■ 10.5660, -5.2090,
-9.2664

■ 211.6250,
-82.1461, -18.9651

■ 211.6250,
-82.1461, -18.9651

■ 206.3830,
-91.8868, -21.3839

■ 216.9810,
-71.9686, -16.6463

■ 202.3090,
-99.7383, -23.0730

■ 222.2230,
-62.2279, -14.2276

■ 227.5790,
-52.0504, -11.9088

■ 232.8210,
-42.3098, -9.4900

■ 237.8780,
-31.9849, -7.7860

■ 243.1200,
-22.2442, -5.3672

■ 248.4760,
-12.0667, -3.0485

■ 253.7180, -2.3260,
-0.6297

■ 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.



210.6680, -103.8593, 38.8792



211.6250, -82.1461, -18.9651



164.9610, -15.2638, -144.6708

Triad

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



211.6250, -82.1461, -18.9651



178.7550, 37.5888, -156.7681



185.8990, 27.1648, 60.6016

Complementary

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



211.6250, -82.1461, -18.9651



88.3750, 82.1461, 18.9651

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.



203.9310, 25.1770, 44.7875



211.6250, -82.1461, -18.9651



173.4720, 40.1933, -152.1349

Square

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



211.6250, -82.1461, -18.9651



178.7550, 37.5888, -156.7681



220.2020, 17.1554, 4.2078



183.8570, -16.1985, 62.3924

Rectangle

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



211.6250, -82.1461, -18.9651



172.1430, 12.2545, -150.9694



220.2020, 17.1554, 4.2078



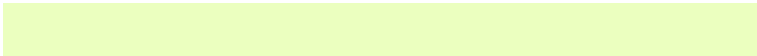
190.4300, 31.8330, 56.6279

Sweetspot

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



211.6250, -82.1461, -18.9651



241.7240, -25.0069, -5.8969



144.7710, -49.1871, 96.6708



119.9660, -15.2662, -3.4782



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.



211.6250, -82.1461, -18.9651



202.9500, -98.5754, -22.7582



180.8280, -66.9632, -82.2872



125.3220, -5.0887, -1.1594



151.5850, -74.7314, -17.1760



50.7240, -25.0069, -5.8969

Inverse Universe

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



88.3750, 82.1461, 18.9651



55.0500, 98.5754, 22.7582



119.1720, 66.9632, 82.2872



117.6780, 5.0887, 1.1594



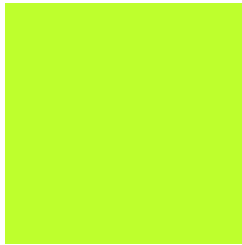
39.4150, 74.7314, 17.1760



13.2760, 25.0069, 5.8969

Previews

White Background



This preview shows how the YUV color 211.6250, -82.1461, -18.9651 looks on a white background.

Color Contrast Check

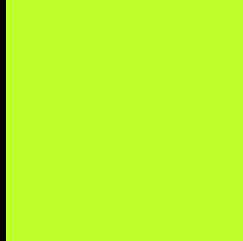
Large Text (above 18pt) WCAG AA × Fail

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 211.6250, -82.1461, -18.9651 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 211.6250, -82.1461, -18.9651 Background



This preview shows how black text looks on a background with the YUV color 211.6250, -82.1461, -18.9651.



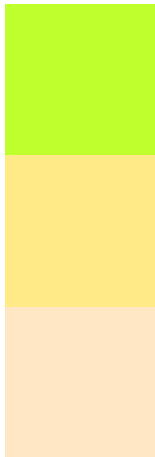
This preview shows how white text looks on a background with the YUV color 211.6250, -82.1461, -18.9651.

-18.9651.

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

211.6250, -82.1461, -18.9651

Protanopia

228.9930, -46.3385, 22.8081

Deuteranopia

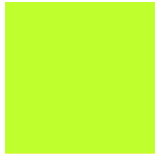
233.7130, -18.0995, 18.6687



Tritanopia

232.1750, 11.2527, -15.9395

Trichromacy



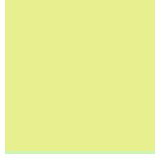
Original Color

211.6250, -82.1461, -18.9651



Protanomaly

222.7510, -59.5302, 7.2344



Deuteranomaly

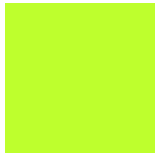
225.5500, -41.1901, 4.7797



Tritanomaly

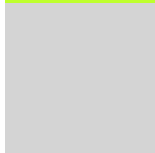
224.9290, -22.6430, -17.4777

Monochromacy



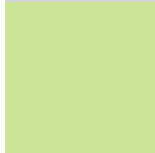
Original Color

211.6250, -82.1461, -18.9651



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.0460, -30.0957, -7.0563

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.6250, -82.1461, -18.9651 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(190, 255, 45)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 45)  
}
```

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(190, 255, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 45) }
```

Border

The CSS property to change the border of an element to YUV 211.6250, -82.1461, -18.9651 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(190, 255, 45) }
```


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

```
.border{ border-color:rgb(190, 255, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 45);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 211.6250, -82.1461, -18.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 45) }
```

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

```
.background{ background-color: rgb(190,  
255, 45) }
```

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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