

Converting Colors

YUV(208.6820, -51.6082,
-13.7531)

Have a look what the booklet for
YUV(208.6820, -51.6082, -13.7531)
contains.

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Color

**YUV(208.6820, -51.6082,
-13.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	C1ED68
RGB	193, 237, 104
RGB Percent	76%, 93%, 41%
CMY	0.2431, 0.0706, 0.5922
CMYK	0.19, 0.00, 0.56, 0.07
HSL	80°, 79%, 67%
HSV	80°, 56%, 93%
XYZ	54.7752, 72.9053, 24.2819
YIQ	208.6820, 16.4690, -50.6910

Conversions

Conversions Part 2

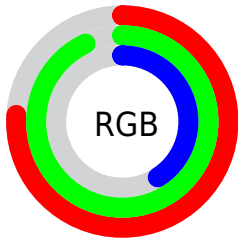
Format	Color
RYB	104, 237, 148
Decimal	12709224
CIELab	88.40, -33.92, 58.72
CIELCh	88, 67.815, 120.015
Yxy	72.9053, 0.3605, 0.4798
Android (android.graphics.Color)	4290899304 (0xFFC1ED68)
YUV	208.6820, -51.6082, -13.7531
Hunter-Lab	85.3846, -34.9133, 42.9082

Details

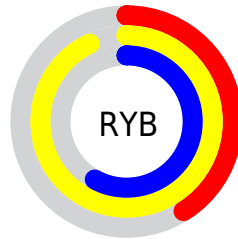
The YUV color **208.6820, -51.6082, -13.7531** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **132.3180, 51.6082, 13.7531**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.1590, -41.4904, 7.7536**, and **152.4970, -51.0240, -14.4679** is the 20% darker color. If you saturate the color by 10%, you get **203.5540, -60.9121, -16.2719**, and if you desaturate by 10%, it is **213.8100, -42.3043, -11.2344**.

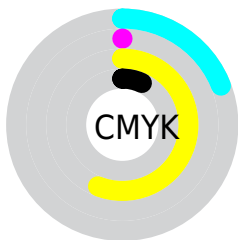
Distribution



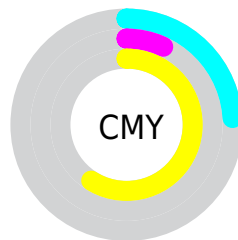
- Red (76%)
- Green (93%)
- Blue (41%)



- Red (41%)
- Yellow (93%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (56%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.6820, -51.6082, -13.7531 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 208.6820, -51.6082, -13.7531 by changing the saturation by 10% instead.

■ 208.6820,
-51.6082, -13.7531

■ 208.6820,
-51.6082, -13.7531

255.0000, 0.0000,
0.0000

■ 180.4970,
-51.0240, -14.4679

■ 243.1590,
-41.4904, 7.7536

■ 152.4970,
-51.0240, -14.4679

■ 247.2480,
-29.7023, 6.7985

■ 124.5850,
-54.5184, -13.6680

■ 250.5540,
-17.0351, 3.8991

■ 99.6540, -49.1294,
-15.4826

■ 253.8600, -4.3680,
0.9998

■ 76.9060, -37.9147,
-19.2116

■ 53.2610, -26.2577,
-24.7849

■ 32.2850, -15.9165,

-28.3139

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 208.6820,
-51.6082, -13.7531

■ 208.6820,
-51.6082, -13.7531

■ 203.5540,
-60.9121, -16.2719

■ 213.8100,
-42.3043, -11.2344

■ 198.5400,
-69.7792, -18.8906

■ 218.8240,
-33.4372, -8.6156

■ 193.4120,
-79.0831, -21.4093

■ 223.9520,
-24.1333, -6.0969

■ 188.5830,
-88.5344, -23.3133

■ 228.7810,
-14.6820, -4.1929

■ 186.6600,
-92.0234, -24.2578

■ 233.7950, -5.8149,
-1.5742

■ 238.9230, 3.4890,
0.9445

■ 242.3410, 6.2409,
4.9629

■ 244.4340, 5.2090,
9.2664

Harmonies

Analogous

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



214.0150, -63.1114, 35.9438



208.6820, -51.6082, -13.7531



195.4130, -20.4166, -78.4152

Triad

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



208.6820, -51.6082, -13.7531



172.8850, 40.4827, -151.6201



198.6360, 12.5045, 49.4312

Complementary

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



208.6820, -51.6082, -13.7531



132.3180, 51.6082, 13.7531

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.



210.3880, 21.9937, 39.1247



208.6820, -51.6082, -13.7531



189.2070, 32.4359, -90.5125

Square

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



208.6820, -51.6082, -13.7531



177.5810, 38.1676, -155.7385



216.3810, 19.0392, 6.6819



195.5630, -17.0396, 52.1262

Rectangle

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



208.6820, -51.6082, -13.7531



170.9690, 12.8333, -149.9398



216.3810, 19.0392, 6.6819



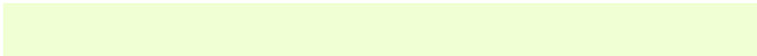
202.9050, 21.2458, 45.6873

Sweetspot

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



208.6820, -51.6082, -13.7531



245.9120, -16.7186, -4.3078



168.4210, -31.7596, 60.1438



122.3450, -10.0301, -2.9336



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.



208.6820, -51.6082, -13.7531



218.4630, -66.2903, -17.9461



189.2470, -42.0268, -53.7136



114.5500, -4.2152, -1.3594



142.4260, -70.2160, -18.7906



42.4620, -20.9338, -5.6672

Inverse Universe

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



132.3180, 51.6082, 13.7531



120.5370, 66.2903, 17.9461



151.7530, 42.0268, 53.7136



108.1510, 4.3626, 0.7446



38.5740, 70.2160, 18.7906



11.5380, 20.9338, 5.6672

Previews

White Background



This preview shows how the YUV color 208.6820, -51.6082, -13.7531 looks on a white background.

Color Contrast Check

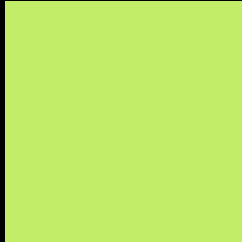
Large Text (above 18pt) WCAG AA × Fail

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 208.6820, -51.6082, -13.7531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

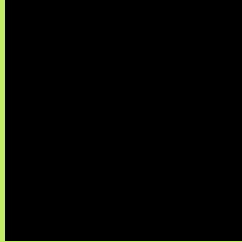
Any Text WCAG AA ✓ Pass

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 208.6820, -51.6082, -13.7531 Background



This preview shows how black text looks on a background with the YUV color 208.6820, -51.6082, -13.7531.



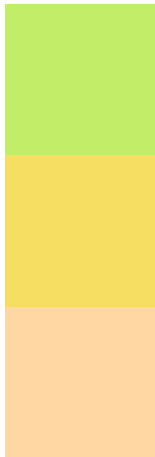
This preview shows how white text looks on a background with the YUV color 208.6820, -51.6082, -13.7531.

-13.7531.

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

208.6820, -51.6082, -13.7531

Protanopia

215.1540, -57.2639, 27.0519

Deuteranopia

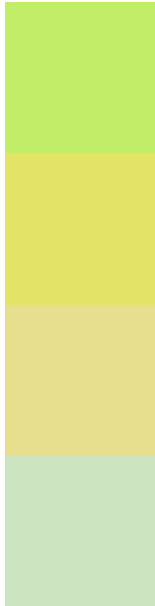
220.9180, -29.0466, 29.8899



Tritanopia

221.0510, 9.3419, -9.6917

Trichromacy



Original Color

208.6820, -51.6082, -13.7531

Protanomaly

212.6360, -55.0365, 12.5972

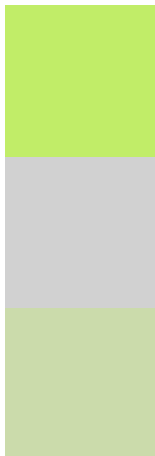
Deuteranomaly

216.3430, -37.1441, 13.7312

Tritanomaly

216.6060, -12.6238, -11.0555

Monochromacy



Original Color

208.6820, -51.6082, -13.7531

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.7440, -18.6078, -5.0375

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.6820, -51.6082, -13.7531 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(193, 237, 104)` looks like.

```
.text, #text, p{  
    color:rgb(193, 237, 104)  
}
```

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(193, 237, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 237, 104) }
```

Border

The CSS property to change the border of an element to YUV 208.6820, -51.6082, -13.7531 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(193, 237, 104) }
```


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

```
.border{ border-color:rgb(193, 237, 104) }
```

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

Here you see how a box with a 4 pixel rgb(193, 237, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 237, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 237, 104);  
box-shadow:4px 4px 4px 4px rgb(193, 237,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 208.6820, -51.6082, -13.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 237, 104) }
```

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

```
.background{ background-color: rgb(193,  
237, 104) }
```

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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