

# Converting Colors

YUV(207.1770, -55.7963,  
-23.8342)

Have a look what the booklet for  
YUV(207.1770, -55.7963, -23.8342)  
contains.

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# Color

**YUV(207.1770, -55.7963,  
-23.8342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4F35E
RGB	180, 243, 94
RGB Percent	71%, 95%, 37%
CMY	0.2941, 0.0471, 0.6314
CMYK	0.26, 0.00, 0.61, 0.05
HSL	85°, 86%, 66%
HSV	85°, 61%, 95%
XYZ	52.8934, 74.6126, 22.2036
YIQ	207.1770, 10.2810, -59.6950

# Conversions

## Conversions Part 2

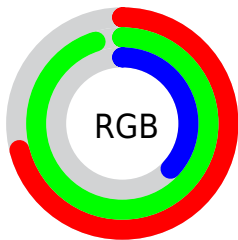
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 243, 157
Decimal	11858782
CIELab	89.21, -42.23, 63.68
CIElCh	89, 76.409, 123.551
Yxy	74.6126, 0.3533, 0.4984
Android (android.graphics.Color)	4290048862 (0xFFB4F35E)
YUV	207.1770, -55.7963, -23.8342
Hunter-Lab	86.3786, -41.8593, 45.2246

# Details

The YUV color  $207.1770, -55.7963, -23.8342$  is a light color, and the websafe version is hex  $CCFF66$ . The color can be described as light muted chartreuse. A complement of this color would be  $129.8230, 55.7963, 23.8342$ , and the grayscale version is  $208.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $238.2460, -43.5053, 0.6613$ , and  $149.9490, -56.6699, -23.6343$  is the 20% darker color. If you saturate the color by 10%, you get  $201.4510, -64.8053, -27.5825$ , and if you desaturate by 10%, it is  $212.9030, -46.7872, -20.0859$ .

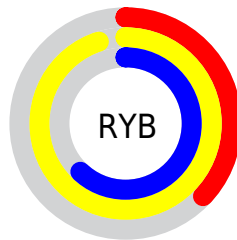
# Distribution



Red (71%)

Green (95%)

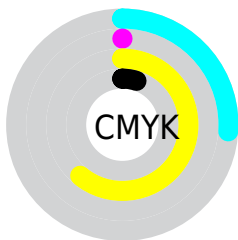
Blue (37%)



Red (37%)

Yellow (95%)

Blue (62%)

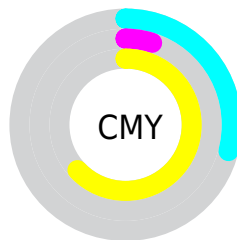


Cyan (26%)

Magenta (0%)

Yellow (61%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 207.1770, -55.7963, -23.8342 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 207.1770, -55.7963, -23.8342 by changing the saturation by 10% instead.



■ 207.1770,  
-55.7963, -23.8342

■ 207.1770,  
-55.7963, -23.8342

255.0000, 0.0000,  
0.0000

■ 178.2910,  
-55.3595, -23.9342

■ 238.2460,  
-43.5053, 0.6613

■ 149.9490,  
-56.6699, -23.6343

■ 246.2220,  
-33.6334, 7.6983

■ 121.7380,  
-60.0168, -23.4492

■ 249.4140,  
-21.4031, 4.8989

■ 97.8050, -48.2179,  
-27.8930

■ 252.8340, -8.2992,  
1.8996

■ 73.5730, -36.2715,  
-32.9515

■ 48.1340, -23.7301,  
-42.2135

■ 34.0460, -16.7847,

-29.8583

■ 22.3060, -10.9969,  
-19.5624

■ 0.0000, 0.0000,  
0.0000

■ 207.1770,  
-55.7963, -23.8342

■ 207.1770,  
-55.7963, -23.8342

■ 201.4510,  
-64.8053, -27.5825

■ 212.9030,  
-46.7872, -20.0859

■ 195.3120,  
-74.1038, -31.8456

■ 219.0420,  
-37.4887, -15.8228

■ 189.5860,  
-83.1129, -35.5939

■ 224.7680,  
-28.4796, -12.0745

■ 184.5010,  
-90.9590, -39.0274

■ 230.4940,  
-19.4705, -8.3262

236.2200,  
-10.4615, -4.5779

242.3590, -1.1630,  
-0.3148

247.0590, 3.9149,  
4.3333

247.9560, 3.4727,  
6.1776

# Harmonies

## Analogous

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



214.5560, -73.7311, 35.4694



207.1770, -55.7963, -23.8342



184.8110, -14.2038, -111.2132

# Triad

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



207.1770, -55.7963, -23.8342



175.2330, 39.3251, -153.6793



193.2560, 12.1988, 54.1495

# Complementary

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



207.1770, -55.7963, -23.8342



129.8230, 55.7963, 23.8342

# 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.



205.6920, 24.3088, 43.2431



207.1770, -55.7963, -23.8342



184.7220, 34.6471, -99.7342

# Square

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



207.1770, -55.7963, -23.8342



178.7550, 37.5888, -156.7681



218.2190, 18.1330, 17.3479



192.3200, -21.8498, 54.9704



# Rectangle

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



207.1770, -55.7963, -23.8342



173.0550, 15.7489, -151.7692



218.2190, 18.1330, 17.3479



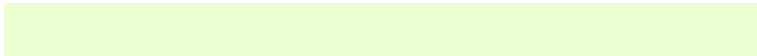
197.2800, 22.5400, 50.6204

# Sweetspot

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



207.1770, -55.7963, -23.8342



244.0750, -17.2920, -7.0818



174.9450, -39.9059, 59.6842



121.1060, -10.8983, -4.4780



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.



207.1770, -55.7963, -23.8342



209.5340, -70.7623, -30.2863



185.0510, -44.8881, -69.3277



119.1370, -4.5045, -1.8741



141.1750, -69.5993, -29.9715



44.7990, -22.0859, -9.4707



# Inverse Universe

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



129.8230, 55.7963, 23.8342



111.4660, 70.7623, 30.2863



151.9490, 44.8881, 69.3277



112.8630, 4.5045, 1.8741



44.8250, 69.5993, 29.9715



14.2010, 22.0859, 9.4707



# Previews

## White Background



This preview shows how the YUV color 207.1770, -55.7963, -23.8342 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 207.1770, -55.7963, -23.8342 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 207.1770, -55.7963, -23.8342 Background



This preview shows how black text looks on a background with the YUV color 207.1770, -55.7963, -23.8342.



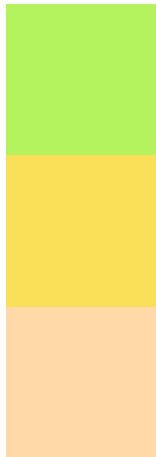
This preview shows how white text looks on a background with the YUV color 207.1770, -55.7963, -23.8342.

-23.8342.

# 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

207.1770, -55.7963, -23.8342

### Protanopia

215.9710, -63.0897, 28.9664

### Deuteranopia

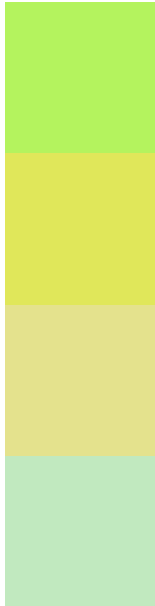
222.7760, -27.0046, 28.2604



## Tritanopia

221.6800, 11.9898, -19.0134

# Trichromacy



**Original Color**

207.1770, -55.7963, -23.8342

**Protanomaly**

212.8330, -60.5567, 9.7935

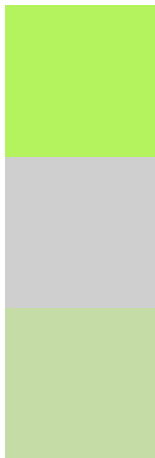
**Deuteranomaly**

216.9080, -37.4226, 9.7277

**Tritanomaly**

216.2520, -12.4492, -20.3920

# Monochromacy



**Original Color**

207.1770, -55.7963, -23.8342

**Achromatopsia**

207.0000, 0.0000, 0.0000

**Achromatomaly**

206.9670, -20.1967, -8.7411

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 207.1770, -55.7963, -23.8342 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(180, 243, 94)` looks like.

```
.text, #text, p{  
    color:rgb(180, 243, 94)  
}
```

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(180, 243, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 243, 94) }
```

## Border

The CSS property to change the border of an element to YUV 207.1770, -55.7963, -23.8342 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(180, 243, 94) }
```



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

```
.border{ border-color:rgb(180, 243, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 243, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 243, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 243, 94);  
box-shadow:4px 4px 4px 4px rgb(180, 243,  
94) }
```

# Background

The CSS property to change the background color of an element to YUV 207.1770, -55.7963, -23.8342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 243, 94) }
```

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

```
.background{ background-color: rgb(180,  
243, 94) }
```

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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