

# Converting Colors

YUV(200.7620, -66.4377,  
-17.3313)

Have a look what the booklet for  
YUV(200.7620, -66.4377, -17.3313)  
contains.

<b>YUV(200.7620, -66.4377, -17.3313)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(200.7620, -66.4377,  
-17.3313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5ED42
RGB	181, 237, 66
RGB Percent	71%, 93%, 26%
CMY	0.2902, 0.0706, 0.7412
CMYK	0.24, 0.00, 0.72, 0.07
HSL	80°, 83%, 59%
HSV	80°, 72%, 93%
XYZ	50.3236, 70.7855, 16.1649
YIQ	200.7620, 21.5150, -65.0530

# Conversions

## Conversions Part 2

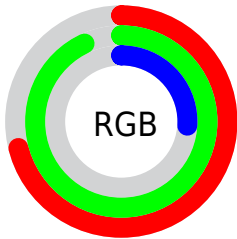
Format	Color
<b>RYB</b>	66, 237, 122
Decimal	11922754
CIELab	87.38, -41.11, 72.34
CIELCh	87, 83.206, 119.609
Yxy	70.7855, 0.3666, 0.5157
Android (android.graphics.Color)	4290112834 (0xFFB5ED42)
YUV	200.7620, -66.4377, -17.3313
Hunter-Lab	84.1341, -40.4675, 47.5023

# Details

The YUV color **200.7620, -66.4377, -17.3313** 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 **102.2380, 66.4377, 17.3313**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5810, -55.0094, 3.8755**, and **143.0240, -70.5108, -17.5610** is the 20% darker color. If you saturate the color by 10%, you get **195.6340, -75.7416, -19.8500**, and if you desaturate by 10%, it is **205.8900, -57.1338, -14.8125**.

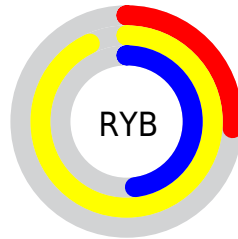
# Distribution



Red (71%)

Green (93%)

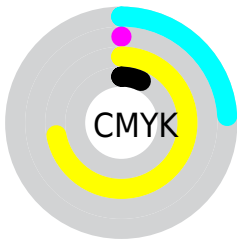
Blue (26%)



Red (26%)

Yellow (93%)

Blue (48%)

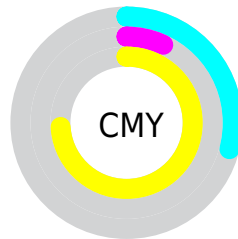


Cyan (24%)

Magenta (0%)

Yellow (72%)

Black (7%)



Cyan (29%)

Magenta (7%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.7620, -66.4377, -17.3313 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 200.7620, -66.4377, -17.3313 by changing the saturation by 10% instead.



■ 200.7620,  
-66.4377, -17.3313

■ 200.7620,  
-66.4377, -17.3313

■ 255.0000, 0.0000,  
0.0000

■ 171.6650,  
-69.3478, -17.2462

■ 235.5810,  
-55.0094, 3.8755

■ 143.0240,  
-70.5108, -17.5610

■ 243.3720,  
-44.5534, 10.1978

■ 118.8030,  
-58.5699, -20.8752

■ 246.6780,  
-31.8863, 7.2984

■ 94.8700, -46.7709,  
-25.3190

■ 249.9840,  
-19.2191, 4.3990

■ 70.3390, -34.6771,  
-30.9923

■ 253.2900, -6.5520,  
1.4997

■ 45.7860, -22.5725,  
-40.1543

■ 31.6980, -15.6271,

-27.7991

■ 19.3710, -9.5499,  
-16.9884

■ 0.0000, 0.0000,  
0.0000

■ 200.7620,  
-66.4377, -17.3313

■ 200.7620,  
-66.4377, -17.3313

■ 195.6340,  
-75.7416, -19.8500

■ 205.8900,  
-57.1338, -14.8125

■ 190.6200,  
-84.6087, -22.4687

■ 210.9040,  
-48.2667, -12.1938

■ 186.6600,  
-92.0234, -24.2578

■ 215.7330,  
-38.8154, -10.2898

■ 220.8610,  
-29.5115, -7.7711

■ 225.8750,  
-20.6444, -5.1524

■ 231.0030,  
-11.3405, -2.6336

■ 235.8320, -1.8892,  
-0.7297

■ 240.8460, 6.9779,  
1.8891

■ 243.2380, 5.7987,  
6.8073

# Harmonies

## Analogous

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



206.4400, -84.5199, 42.5871



200.7620, -66.4377, -17.3313



176.1930, -20.3081, -113.3023

# Triad

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



200.7620, -66.4377, -17.3313



174.0590, 39.9039, -152.6497



185.0210, 18.7236, 61.3716

# Complementary

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



200.7620, -66.4377, -17.3313



102.2380, 66.4377, 17.3313

# 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.



200.9960, 26.6240, 47.3615



200.7620, -66.4377, -17.3313



162.9060, 45.4023, -142.8686

# Square

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



200.7620, -66.4377, -17.3313



178.7550, 37.5888, -156.7681



209.8800, 22.2442, 5.3672



182.7000, -18.0931, 63.4071



# Rectangle

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



200.7620, -66.4377, -17.3313



171.1170, 8.3233, -150.0696



209.8800, 22.2442, 5.3672



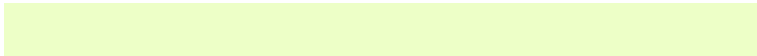
190.4470, 29.3596, 56.6130

# Sweetspot

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



200.7620, -66.4377, -17.3313



243.2340, -21.8074, -5.4672



148.8270, -40.8337, 77.3277



120.8350, -13.2297, -3.3633



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.



200.7620, -66.4377, -17.3313



207.8650, -86.2084, -22.6836



175.6460, -54.0555, -68.9725



114.5500, -4.2152, -1.3594



142.7250, -70.3634, -18.1758



42.4620, -20.9338, -5.6672



# Inverse Universe

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



102.2380, 66.4377, 17.3313



80.1350, 86.2084, 22.6836



127.3540, 54.0555, 68.9725



108.1510, 4.3626, 0.7446



38.2750, 70.3634, 18.1758



11.5380, 20.9338, 5.6672



# Previews

## White Background



This preview shows how the YUV color 200.7620, -66.4377, -17.3313 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 200.7620, -66.4377, -17.3313 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

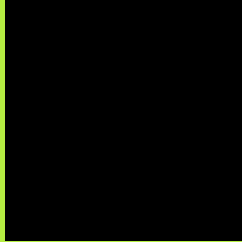
Any Text WCAG AA ✓ Pass

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 200.7620, -66.4377, -17.3313 Background



This preview shows how black text looks on a background with the YUV color 200.7620, -66.4377, -17.3313.



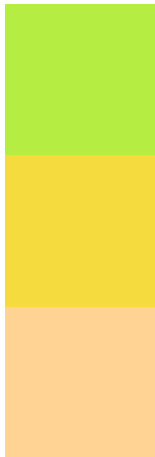
This preview shows how white text looks on a background with the YUV color 200.7620, -66.4377, -17.3313.

-17.3313.

# 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

200.7620, -66.4377, -17.3313

### Protanopia

208.7620, -72.8467, 31.7807

### Deuteranopia

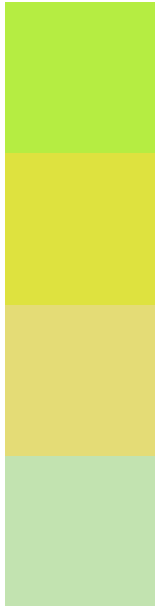
216.8600, -34.4410, 33.4488



## Tritanopia

217.0720, 10.8105, -14.0951

# Trichromacy



## Original Color

200.7620, -66.4377, -17.3313

## Protanomaly

206.2220, -70.6084, 13.8373

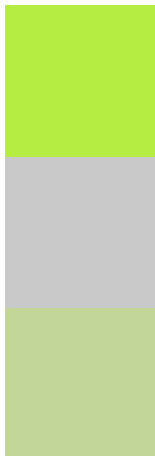
## Deuteranomaly

210.7640, -45.7327, 15.1160

## Tritanomaly

211.3190, -17.4123, -15.1888

# Monochromacy



## Original Color

200.7620, -66.4377, -17.3313

## Achromatopsia

201.0000, 0.0000, 0.0000

## Achromatomaly

200.9520, -24.1333, -6.0969

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.7620, -66.4377, -17.3313 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(181, 237, 66)` looks like.

```
.text, #text, p{  
    color:rgb(181, 237, 66)  
}
```

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(181, 237, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 237, 66) }
```

## Border

The CSS property to change the border of an element to YUV 200.7620, -66.4377, -17.3313 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(181, 237, 66) }
```



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

```
.border{ border-color:rgb(181, 237, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 237, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 237, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 237, 66);  
box-shadow:4px 4px 4px 4px rgb(181, 237,  
66) }
```

# Background

The CSS property to change the background color of an element to YUV 200.7620, -66.4377, -17.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 237, 66) }
```

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

```
.background{ background-color: rgb(181,  
237, 66) }
```

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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