

Converting Colors

YUV(203.5000, -62.3645,
-17.1015)

Have a look what the booklet for
YUV(203.5000, -62.3645, -17.1015)
contains.

YUV(203.5000, -62.3645, -17.1015)	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(203.5000, -62.3645,
-17.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EE4D
RGB	184, 238, 77
RGB Percent	72%, 93%, 30%
CMY	0.2784, 0.0667, 0.6980
CMYK	0.23, 0.00, 0.68, 0.07
HSL	80°, 83%, 62%
HSV	80°, 68%, 93%
XYZ	51.6813, 71.8752, 18.1706
YIQ	203.5000, 19.4970, -61.5190

Conversions

Conversions Part 2

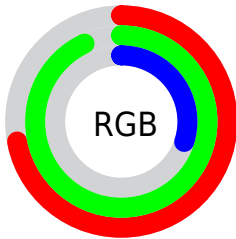
Format	Color
RYB	77, 238, 131
Decimal	12119629
CIELab	87.91, -39.78, 69.04
CIElCh	88, 79.681, 119.950
Yxy	71.8752, 0.3647, 0.5071
Android (android.graphics.Color)	4290309709 (0xFFB8EE4D)
YUV	203.5000, -62.3645, -17.1015
Hunter-Lab	84.7793, -39.5505, 46.6380

Details

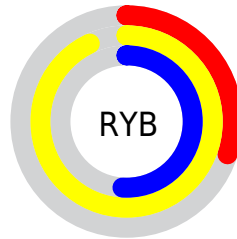
The YUV color **203.5000, -62.3645, -17.1015** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **111.5000, 62.3645, 17.1015**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6180, -51.0837, 4.7200**, and **144.8070, -71.3899, -15.6167** is the 20% darker color. If you saturate the color by 10%, you get **198.3720, -71.6684, -19.6202**, and if you desaturate by 10%, it is **208.6280, -53.0606, -14.5828**.

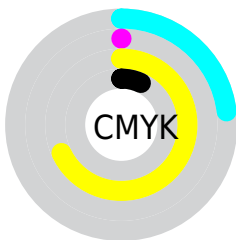
Distribution



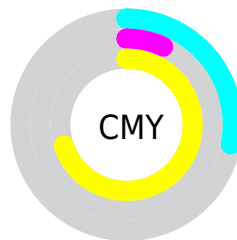
- Red (72%)
- Green (93%)
- Blue (30%)



- Red (30%)
- Yellow (93%)
- Blue (51%)



- Cyan (23%)
- Magenta (0%)
- Yellow (68%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.5000, -62.3645, -17.1015 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 203.5000, -62.3645, -17.1015 by changing the saturation by 10% instead.

■ 203.5000,
-62.3645, -17.1015

■ 203.5000,
-62.3645, -17.1015

■ 255.0000, 0.0000,
0.0000

■ 174.8590,
-63.5275, -17.4163

■ 237.6180,
-51.0837, 4.7200

■ 144.8070,
-71.3899, -15.6167

■ 244.3980,
-40.6222, 9.2980

■ 120.2870,
-59.3015, -19.5457

■ 247.7040,
-27.9551, 6.3986

■ 96.0660, -47.3605,
-22.8599

■ 251.0100,
-15.2879, 3.4992

■ 72.7200, -35.8510,
-27.8184

■ 254.3160, -2.6208,
0.5999

■ 45.7860, -22.5725,
-40.1543

■ 32.2850, -15.9165,

-28.3139

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 203.5000,
-62.3645, -17.1015

■ 203.5000,
-62.3645, -17.1015

■ 198.3720,
-71.6684, -19.6202

■ 208.6280,
-53.0606, -14.5828

■ 193.2440,
-80.9723, -22.1390

■ 213.7560,
-43.7567, -12.0640

■ 188.2300,
-89.8394, -24.7577

■ 218.7700,
-34.8896, -9.4453

■ 186.9480,
-92.1654, -25.3874

■ 223.8980,
-25.5857, -6.9265

229.0260,
-16.2818, -4.4078

234.1540, -6.9779,
-1.8891

239.2820, 2.3260,
0.6297

242.9280, 5.9515,
4.4481

245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



209.4380, -78.1099, 39.9579



203.5000, -62.3645, -17.1015



182.8460, -20.6301, -103.3509

Triad

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



203.5000, -62.3645, -17.1015



174.0590, 39.9039, -152.6497



189.2440, 17.1347, 57.6680

Complementary

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



203.5000, -62.3645, -17.1015



111.5000, 62.3645, 17.1015

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



203.5000, -62.3645, -17.1015



163.4930, 45.1130, -143.3834

Square

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



203.5000, -62.3645, -17.1015



178.7550, 37.5888, -156.7681



212.2500, 21.0757, 6.7968



186.5640, -18.5191, 60.0184

Rectangle

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



203.5000, -62.3645, -17.1015



171.4590, 9.6337, -150.3695



212.2500, 21.0757, 6.7968



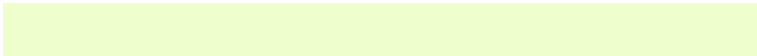
193.8550, 27.1865, 53.6242

Sweetspot

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



203.5000, -62.3645, -17.1015



244.1030, -19.7708, -5.3523



156.8370, -39.3596, 71.1800



121.1770, -11.9193, -3.6632



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.



203.5000, -62.3645, -17.1015



210.7710, -80.2461, -21.7242



179.5800, -50.5719, -66.2837



117.4360, -4.6519, -1.2594



144.4860, -71.2316, -19.7202



43.9350, -21.6600, -6.0820

Inverse Universe

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



111.5000, 62.3645, 17.1015



92.5280, 80.0987, 22.3389



135.4200, 50.5719, 66.2837



110.5640, 4.6519, 1.2594



39.5140, 71.2316, 19.7202



12.0650, 21.6600, 6.0820

Previews

White Background



This preview shows how the YUV color 203.5000, -62.3645, -17.1015 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 203.5000, -62.3645, -17.1015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

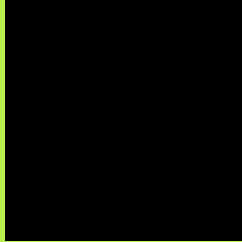
Any Text WCAG AA ✓ Pass

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 203.5000, -62.3645, -17.1015 Background



This preview shows how black text looks on a background with the YUV color 203.5000, -62.3645, -17.1015.



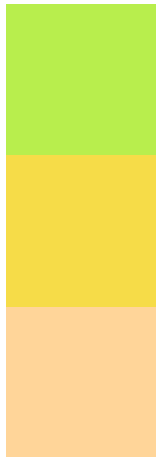
This preview shows how white text looks on a background with the YUV color 203.5000, -62.3645, -17.1015.

-17.1015.

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

203.5000, -62.3645, -17.1015

Protanopia

210.9020, -68.4787, 30.7809

Deuteranopia

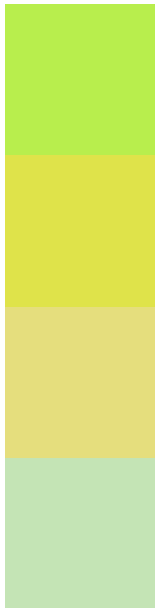
218.7180, -32.3990, 31.8193



Tritanopia

218.3710, 10.6631, -13.4804

Trichromacy



Original Color

203.5000, -62.3645, -17.1015

Protanomaly

208.3620, -66.2405, 12.8375

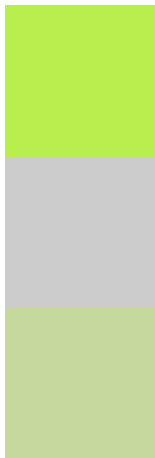
Deuteranomaly

213.0350, -43.4013, 14.0013

Tritanomaly

213.0740, -15.8125, -14.9739

Monochromacy



Original Color

203.5000, -62.3645, -17.1015

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.7070, -22.5336, -5.8820

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.5000, -62.3645, -17.1015 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(184, 238, 77)` looks like.

```
.text, #text, p{  
    color:rgb(184, 238, 77)  
}
```

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(184, 238, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 238, 77) }
```

Border

The CSS property to change the border of an element to YUV 203.5000, -62.3645, -17.1015 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(184, 238, 77) }
```


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

```
.border{ border-color:rgb(184, 238, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 238, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 238, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 238, 77);  
box-shadow:4px 4px 4px 4px rgb(184, 238,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 203.5000, -62.3645, -17.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 238, 77) }
```

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

```
.background{ background-color: rgb(184,  
238, 77) }
```

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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