

Converting Colors

YUV(178.9250, -43.3470,
-3.4422)

Have a look what the booklet for
YUV(178.9250, -43.3470, -3.4422)
contains.

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Color

**YUV(178.9250, -43.3470,
-3.4422)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC65B
RGB	175, 198, 91
RGB Percent	69%, 78%, 36%
CMY	0.3137, 0.2235, 0.6431
CMYK	0.12, 0.00, 0.54, 0.22
HSL	73°, 48%, 57%
HSV	73°, 54%, 78%
XYZ	39.7616, 50.2575, 17.5025
YIQ	178.9250, 20.6390, -38.1530

Conversions

Conversions Part 2

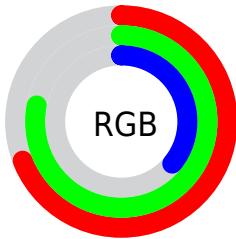
Format	Color
R_{YB}	91, 198, 114
Decimal	11519579
CIE Lab	76.23, -23.58, 50.27
CIE LCh	76, 55.523, 115.133
Yxy	50.2575, 0.3698, 0.4674
Android (android.graphics.Color)	4289709659 (0xFFAFC65B)
YUV	178.9250, -43.3470, -3.4422
Hunter-Lab	70.8925, -23.9462, 34.9867

Details

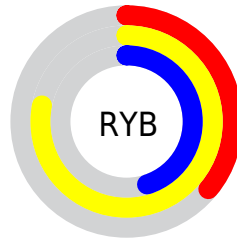
The YUV color **178.9250, -43.3470, -3.4422** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **110.0750, 43.3470, 3.4422**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.4690, -45.0942, -3.0423**, and **124.7400, -42.7628, -4.1570** is the 20% darker color. If you saturate the color by 10%, you get **175.4490, -51.4934, -3.9018**, and if you desaturate by 10%, it is **182.4010, -35.2007, -2.9827**.

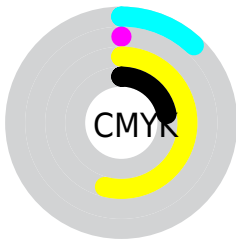
Distribution



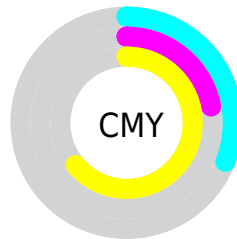
- Red (69%)
- Green (78%)
- Blue (36%)



- Red (36%)
- Yellow (78%)
- Blue (45%)



- Cyan (12%)
- Magenta (0%)
- Yellow (54%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.9250, -43.3470, -3.4422 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 178.9250, -43.3470, -3.4422 by changing the saturation by 10% instead.

■ 178.9250,
-43.3470, -3.4422

■ 178.9250,
-43.3470, -3.4422

255.0000, 0.0000,
0.0000

■ 151.7400,
-42.7628, -4.1570

■ 235.4690,
-45.0942, -3.0423

■ 124.7400,
-42.7628, -4.1570

■ 245.4240,
-36.6910, 8.3982

■ 97.9420, -45.8204,
-3.4571

■ 248.6160,
-24.4607, 5.5988

■ 75.5100, -37.2264,
-6.5863

■ 251.9220,
-11.7935, 2.6994

■ 53.9470, -26.5959,
-9.6005

■ 32.0740, -15.8125,
-14.9739

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 178.9250,
-43.3470, -3.4422

■ 178.9250,
-43.3470, -3.4422

■ 175.4490,
-51.4934, -3.9018

■ 182.4010,
-35.2007, -2.9827

■ 171.6740,
-59.4923, -4.9761

■ 186.1760,
-27.2018, -1.9084

■ 168.3120,
-67.2018, -5.5356

■ 189.5380,
-19.4922, -1.3488

■ 164.8360,
-75.3481, -5.9952

■ 193.0140,
-11.3459, -0.8893

■ 162.5710,
-80.1475, -6.6398

■ 196.4900, -3.1996,
-0.4297

■ 200.2650, 4.7994,
0.6446

■ 203.7410, 12.9457,
1.1041

■ 207.1030, 20.6552,
1.6637

■ 208.9830, 22.6864,
3.5229

Harmonies

Analogous

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



183.4570, -50.0183, 36.4332



178.9250, -43.3470, -3.4422



170.0620, -21.2296, -50.9204

Triad

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



178.9250, -43.3470, -3.4422



151.1660, 51.1902, -132.5726



184.0460, 7.3723, 62.2267

Complementary

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



178.9250, -43.3470, -3.4422



110.0750, 43.3470, 3.4422

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.



193.5610, 26.3454, 43.3580



178.9250, -43.3470, -3.4422



163.5570, 45.0814, -86.4345

Square

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



178.9250, -43.3470, -3.4422



151.2510, 38.8233, -132.6471



186.7780, 33.6334, -7.6983



179.8790, -16.2093, 65.8811

Rectangle

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



178.9250, -43.3470, -3.4422



155.2420, 2.3457, -99.3132



186.7780, 33.6334, -7.6983



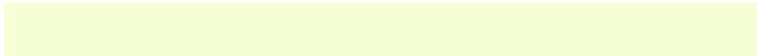
187.7450, 13.9297, 58.9826

Sweetspot

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



178.9250, -43.3470, -3.4422



247.6350, -16.5821, -1.4339



135.3200, -21.8498, 54.9704



123.3560, -10.0355, -1.1892



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.



178.9250, -43.3470, -3.4422



225.3120, -67.2018, -5.5356



163.3770, -35.6819, -35.4106



97.3760, -3.6364, -0.3298



133.9530, -66.0388, -5.2208



29.5040, -14.5455, -1.3190

Inverse Universe

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



110.0750, 43.3470, 3.4422



118.6880, 67.2018, 5.5356



125.6230, 35.6819, 35.4106



91.6240, 3.6364, 0.3298



29.0470, 66.0388, 5.2208



6.4960, 14.5455, 1.3190

Previews

White Background



This preview shows how the YUV color 178.9250, -43.3470, -3.4422 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 178.9250, -43.3470, -3.4422 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 178.9250, -43.3470, -3.4422

Background



This preview shows how black text looks on a background with the YUV color 178.9250, -43.3470, -3.4422.



This preview shows how white text looks on a background with the YUV color 178.9250, -43.3470, -3.4422.

-3.4422.

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

178.9250, -43.3470, -3.4422

Protanopia

182.5800, -46.6279, 22.2933

Deuteranopia

184.7870, -43.7720, 39.6518



Tritanopia

188.3080, 6.2572, -0.2701

Trichromacy



Original Color

178.9250, -43.3470, -3.4422

Protanomaly

181.4540, -45.5798, 12.7568

Deuteranomaly

182.6880, -43.7232, 23.9526

Tritanomaly

184.6010, -11.6353, -1.4041

Monochromacy



Original Color

178.9250, -43.3470, -3.4422

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1620, -15.8559, -1.0191

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9250, -43.3470, -3.4422 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(175, 198, 91)` looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 91)  
}
```

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(175, 198, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 91) }
```

Border

The CSS property to change the border of an element to YUV 178.9250, -43.3470, -3.4422 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(175, 198, 91) }
```


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

```
.border{ border-color:rgb(175, 198, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 198, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 198, 91);  
box-shadow:4px 4px 4px 4px rgb(175, 198,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 178.9250, -43.3470, -3.4422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 91) }
```

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

```
.background{ background-color: rgb(175,  
198, 91) }
```

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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