

Converting Colors

YUV(178.2340, -42.0204,
-8.9752)

Have a look what the booklet for
YUV(178.2340, -42.0204, -8.9752)
contains.

YUV(178.2340, -42.0204, -8.9752)	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(178.2340, -42.0204,
-8.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C85D
RGB	168, 200, 93
RGB Percent	66%, 78%, 36%
CMY	0.3412, 0.2157, 0.6353
CMYK	0.16, 0.00, 0.53, 0.22
HSL	78°, 49%, 57%
HSV	78°, 54%, 78%
XYZ	38.7785, 50.4237, 18.0448
YIQ	178.2340, 15.2750, -40.0610

Conversions

Conversions Part 2

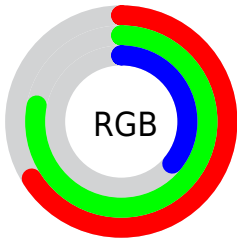
Format	Color
RYB	93, 200, 125
Decimal	11061341
CIELab	76.33, -27.13, 49.33
CIElCh	76, 56.297, 118.807
Yxy	50.4237, 0.3616, 0.4702
Android (android.graphics.Color)	4289251421 (0xFFA8C85D)
YUV	178.2340, -42.0204, -8.9752
Hunter-Lab	71.0096, -26.7877, 34.6401

Details

The YUV color **178.2340, -42.0204, -8.9752** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **114.7660, 42.0204, 8.9752**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.6040, -43.1888, -7.5457**, and **124.1630, -40.9994, -9.7900** is the 20% darker color. If you saturate the color by 10%, you get **174.1600, -49.8719, -10.6643**, and if you desaturate by 10%, it is **182.3080, -34.1688, -7.2861**.

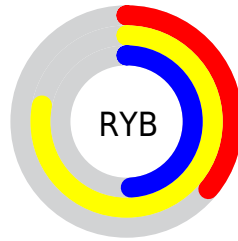
Distribution



Red (66%)

Green (78%)

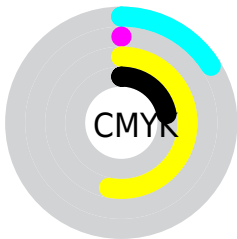
Blue (36%)



Red (36%)

Yellow (78%)

Blue (49%)

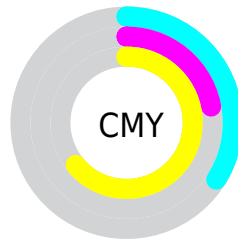


Cyan (16%)

Magenta (0%)

Yellow (53%)

Black (22%)



Cyan (34%)

Magenta (22%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2340, -42.0204, -8.9752 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 178.2340, -42.0204, -8.9752 by changing the saturation by 10% instead.

■ 178.2340,
-42.0204, -8.9752

■ 178.2340,
-42.0204, -8.9752

255.0000, 0.0000,
0.0000

■ 151.0490,
-41.4362, -9.6900

■ 233.6040,
-43.1888, -7.5457

■ 124.1630,
-40.9994, -9.7900

■ 245.4670,
-35.2332, 7.4834

■ 97.4790, -43.6201,
-9.1901

■ 248.9580,
-23.1503, 5.2988

■ 74.0040, -36.4840,
-11.4045

■ 252.1500,
-10.9200, 2.4994

■ 52.4410, -25.8534,
-14.4188

■ 30.2580, -14.9172,
-22.1513

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 178.2340,
-42.0204, -8.9752

■ 178.2340,
-42.0204, -8.9752

■ 174.1600,
-49.8719, -10.6643

■ 182.3080,
-34.1688, -7.2861

■ 170.0860,
-57.7234, -12.3534

■ 186.3820,
-26.3173, -5.5970

■ 166.0120,
-65.5749, -14.0425

■ 190.4560,
-18.4658, -3.9079

■ 161.9380,
-73.4264, -15.7316

■ 194.5300,
-10.6143, -2.2188

■ 159.2600,
-78.5152, -16.8910

■ 198.6040, -2.7628,
-0.5297

■ 202.6780, 5.0887,
1.1594

■ 206.7520, 12.9403,
2.8485

■ 210.8260, 20.7918,
4.5376

■ 212.8480, 20.7809,
8.0263

Harmonies

Analogous

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



183.4950, -51.0230, 32.0149



178.2340, -42.0204, -8.9752



168.5170, -18.0029, -59.2124

Triad

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



178.2340, -42.0204, -8.9752



150.5790, 51.4796, -132.0578



182.6610, 4.6041, 63.4413

Complementary

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



178.2340, -42.0204, -8.9752



114.7660, 42.0204, 8.9752

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.



193.4370, 24.4346, 49.6058



178.2340, -42.0204, -8.9752



167.4660, 43.1543, -74.9537

Square

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



178.2340, -42.0204, -8.9752



152.6360, 41.5915, -133.8618



188.0070, 33.0275, -0.0061



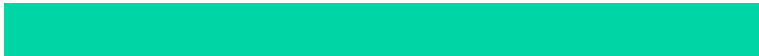
179.7820, -19.1195, 65.9662

Rectangle

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



178.2340, -42.0204, -8.9752



143.9550, 10.8682, -126.2485



188.0070, 33.0275, -0.0061



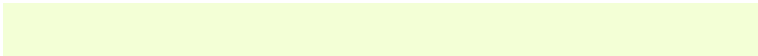
185.8870, 11.8877, 60.6121

Sweetspot

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



178.2340, -42.0204, -8.9752



246.7380, -16.1398, -3.2782



142.6030, -24.4543, 50.3372



122.7580, -9.7407, -2.4188



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.



178.2340, -42.0204, -8.9752



221.7670, -63.9751, -13.8277



162.6860, -34.3552, -40.9436



97.0770, -3.4890, -0.9445



129.7670, -63.9751, -13.8277



28.6070, -14.1033, -3.1633

Inverse Universe

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



114.7660, 42.0204, 8.9752



125.2330, 63.9751, 13.8277



130.3140, 34.3552, 40.9436



91.6240, 3.6364, 0.3298



33.2330, 63.9751, 13.8277



7.3930, 14.1033, 3.1633

Previews

White Background



This preview shows how the YUV color 178.2340, -42.0204, -8.9752 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 178.2340, -42.0204, -8.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

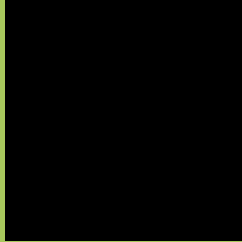
Any Text WCAG AA ✓ Pass

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 178.2340, -42.0204, -8.9752 Background



This preview shows how black text looks on a background with the YUV color 178.2340, -42.0204, -8.9752.



This preview shows how white text looks on a background with the YUV color 178.2340, -42.0204, -8.9752.

-8.9752.

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

178.2340, -42.0204, -8.9752

Protanopia

182.6940, -46.1911, 22.1934

Deuteranopia

185.1290, -42.4616, 39.3519



Tritanopia

187.9160, 7.4364, -5.1883

Trichromacy



Original Color

178.2340, -42.0204, -8.9752

Protanomaly

180.6710, -44.7008, 10.8125

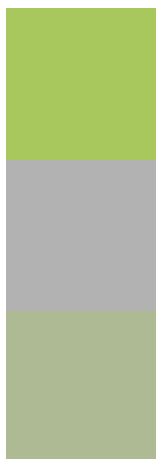
Deuteranomaly

182.7200, -42.2600, 21.2936

Tritanomaly

184.2090, -10.4560, -6.3223

Monochromacy



Original Color

178.2340, -42.0204, -8.9752

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.9660, -15.2662, -3.4782

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2340, -42.0204, -8.9752 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(168, 200, 93)` looks like.

```
.text, #text, p{  
    color:rgb(168, 200, 93)  
}
```

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(168, 200, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 200, 93) }
```

Border

The CSS property to change the border of an element to YUV 178.2340, -42.0204, -8.9752 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(168, 200, 93) }
```


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

```
.border{ border-color:rgb(168, 200, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 200, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 200, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 200, 93);  
box-shadow:4px 4px 4px 4px rgb(168, 200,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 178.2340, -42.0204, -8.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 200, 93) }
```

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

```
.background{ background-color: rgb(168,  
200, 93) }
```

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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