

Converting Colors

YUV(177.3680, -42.0864,
-34.5257)

Have a look what the booklet for
YUV(177.3680, -42.0864, -34.5257)
contains.

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Color

**YUV(177.3680, -42.0864,
-34.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD65C
RGB	138, 214, 92
RGB Percent	54%, 84%, 36%
CMY	0.4588, 0.1608, 0.6392
CMYK	0.36, 0.00, 0.57, 0.16
HSL	97°, 60%, 60%
HSV	97°, 57%, 84%
XYZ	36.4596, 54.2691, 18.6786
YIQ	177.3680, -6.1340, -54.0540

Conversions

Conversions Part 2

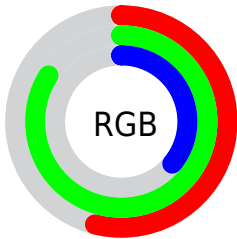
Format	Color
RYB	92, 214, 168
Decimal	9098844
CIELab	78.62, -44.54, 52.01
CIELCh	79, 68.474, 130.579
Yxy	54.2691, 0.3332, 0.4960
Android (android.graphics.Color)	4287288924 (0xFF8AD65C)
YUV	177.3680, -42.0864, -34.5257
Hunter-Lab	73.6676, -40.5750, 36.5342

Details

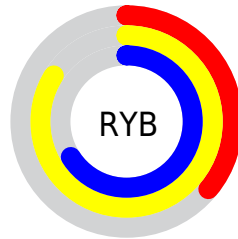
The YUV color **177.3680, -42.0864, -34.5257** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **128.6320, 42.0864, 34.5257**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6340, -38.7666, -25.9890**, and **122.1830, -41.5022, -35.2405** is the 20% darker color. If you saturate the color by 10%, you get **171.0870, -49.3429, -40.4183**, and if you desaturate by 10%, it is **183.6490, -34.8300, -28.6332**.

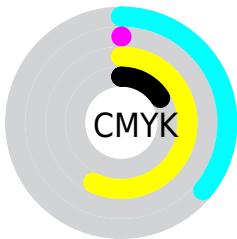
Distribution



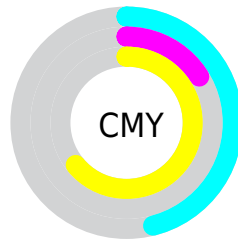
- Red (54%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (66%)



- Cyan (36%)
- Magenta (0%)
- Yellow (57%)
- Black (16%)



- Cyan (46%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.3680, -42.0864, -34.5257 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 177.3680, -42.0864, -34.5257 by changing the saturation by 10% instead.

■ 177.3680,
-42.0864, -34.5257

■ 177.3680,
-42.0864, -34.5257

255.0000, 0.0000,
0.0000

■ 149.5960,
-41.2128, -34.7257

■ 224.6340,
-38.7666, -25.9890

■ 122.1830,
-41.5022, -35.2405

■ 236.3830,
-31.2478, -10.8599

■ 93.4450, -45.5754,
-35.4703

■ 248.5450,
-23.4397, 4.7840

■ 67.6040, -33.3288,
-43.5027

■ 252.1500,
-10.9200, 2.4994

■ 47.5470, -23.4407,
-41.6987

■ 33.4590, -16.4953,
-29.3435

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 177.3680,
-42.0864, -34.5257

■ 177.3680,
-42.0864, -34.5257

■ 171.0870,
-49.3429, -40.4183

■ 183.6490,
-34.8300, -28.6332

■ 164.3930,
-56.8887, -46.8257

■ 190.3430,
-27.2841, -22.2258

■ 158.1120,
-64.1452, -52.7182

■ 196.6240,
-20.0276, -16.3332

■ 151.7170,
-71.8385, -58.5108

■ 203.0190,
-12.3344, -10.5407

■ 149.8370,
-73.8696, -60.3700

■ 209.5990, -5.2253,
-4.0333

■ 215.8800, 2.0312,
1.8592

■ 222.2750, 9.7244,
7.6518

■ 227.9430, 13.3391,
14.9590

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



185.6170, -62.9152, 19.6299



177.3680, -42.0864, -34.5257



148.0010, 0.9855, -129.7969

Triad

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



177.3680, -42.0864, -34.5257



154.1010, 49.7432, -135.1466



175.9130, -0.9431, 69.3593

Complementary

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



177.3680, -42.0864, -34.5257



128.6320, 42.0864, 34.5257

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.



187.9050, 24.6968, 58.8423



177.3680, -42.0864, -34.5257



176.7350, 38.5846, -55.8956

Square

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



177.3680, -42.0864, -34.5257



159.9710, 46.8493, -140.2946



195.5590, 29.3044, 27.5738



177.9920, -31.0551, 67.5360

Rectangle

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



177.3680, -42.0864, -34.5257



154.1910, 19.6258, -135.2255



195.5590, 29.3044, 27.5738



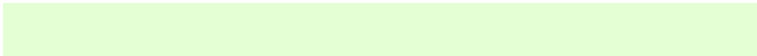
178.4210, 8.6664, 67.1598

Sweetspot

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



177.3680, -42.0864, -34.5257



242.0250, -14.8023, -12.2999



172.5030, -39.6880, 36.3929



120.2520, -8.9982, -7.2370



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.



177.3680, -42.0864, -34.5257



202.9860, -59.6461, -49.0997



165.2100, -29.1905, -64.2052



103.6530, -3.7729, -3.2037



119.5130, -58.9199, -48.6849



30.0250, -14.8023, -12.2999

Inverse Universe

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



128.6320, 42.0864, 34.5257



134.0140, 59.6461, 49.0997



140.7900, 29.1905, 64.2052



99.3470, 3.7729, 3.2037



51.1880, 59.0673, 48.0701



12.9750, 14.8023, 12.2999

Previews

White Background



This preview shows how the YUV color 177.3680, -42.0864, -34.5257 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 177.3680, -42.0864, -34.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

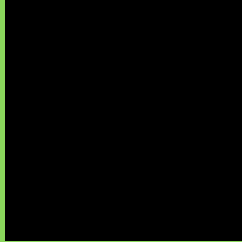
Any Text WCAG AA ✓ Pass

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 177.3680, -42.0864, -34.5257 Background



This preview shows how black text looks on a background with the YUV color 177.3680, -42.0864, -34.5257.



This preview shows how white text looks on a background with the YUV color 177.3680, -42.0864, -34.5257.

-34.5257.

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

177.3680, -42.0864, -34.5257

Protanopia

187.9670, -50.2697, 23.7079

Deuteranopia

190.5700, -44.6510, 41.5961



Tritanopia

189.9670, 13.3273, -28.0351

Trichromacy



Original Color

177.3680, -42.0864, -34.5257

Protanomaly

183.9320, -47.2945, 2.6906

Deuteranomaly

185.9210, -43.8381, 14.1013

Tritanomaly

185.6790, -6.7437, -30.4135

Monochromacy



Original Color

177.3680, -42.0864, -34.5257

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9110, -15.2391, -12.1999

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.3680, -42.0864, -34.5257 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(138, 214, 92)` looks like.

```
.text, #text, p{  
    color:rgb(138, 214, 92)  
}
```

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(138, 214, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 214, 92) }
```

Border

The CSS property to change the border of an element to YUV 177.3680, -42.0864, -34.5257 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(138, 214, 92) }
```


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

```
.border{ border-color:rgb(138, 214, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 214, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 214, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 214, 92);  
box-shadow:4px 4px 4px 4px rgb(138, 214,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 177.3680, -42.0864, -34.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 214, 92) }
```

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

```
.background{ background-color: rgb(138,  
214, 92) }
```

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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