

Converting Colors

YUV(188.0090, -40.9234,
-34.2109)

Have a look what the booklet for
YUV(188.0090, -40.9234, -34.2109)
contains.

YUV(188.0090, -40.9234, -34.2109)	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(188.0090, -40.9234,
-34.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	95E069
RGB	149, 224, 105
RGB Percent	58%, 88%, 41%
CMY	0.4157, 0.1216, 0.5882
CMYK	0.33, 0.00, 0.53, 0.12
HSL	98°, 66%, 65%
HSV	98°, 53%, 88%
XYZ	41.5999, 60.7208, 22.8923
YIQ	188.0090, -6.5010, -52.9090

Conversions

Conversions Part 2

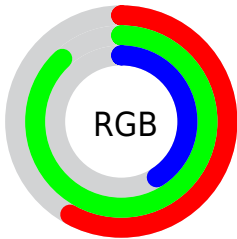
Format	Color
RYB	105, 224, 180
Decimal	9822313
CIELab	82.23, -43.77, 50.43
CIELCh	82, 66.781, 130.956
Yxy	60.7208, 0.3322, 0.4849
Android (android.graphics.Color)	4288012393 (0xFF95E069)
YUV	188.0090, -40.9234, -34.2109
Hunter-Lab	77.9235, -41.0731, 37.1283

Details

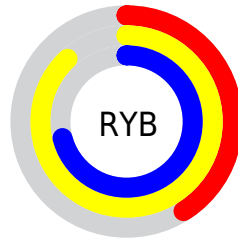
The YUV color **188.0090, -40.9234, -34.2109** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **140.9910, 40.9234, 34.2109**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4050, -34.7097, -20.5262**, and **132.3510, -39.6130, -34.5108** is the 20% darker color. If you saturate the color by 10%, you get **181.3150, -48.4693, -40.6183**, and if you desaturate by 10%, it is **194.7030, -33.3776, -27.8035**.

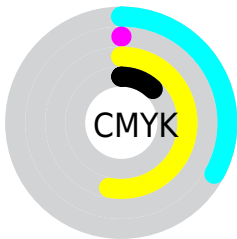
Distribution



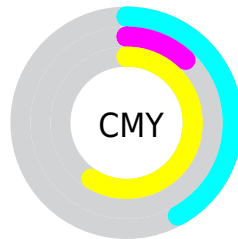
- Red (58%)
- Green (88%)
- Blue (41%)



- Red (41%)
- Yellow (88%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (53%)
- Black (12%)



- Cyan (42%)
- Magenta (12%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0090, -40.9234, -34.2109 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 188.0090, -40.9234, -34.2109 by changing the saturation by 10% instead.

■ 188.0090,
-40.9234, -34.2109

■ 188.0090,
-40.9234, -34.2109

■ 255.0000, 0.0000,
0.0000

■ 160.2370,
-40.0498, -34.4108

■ 229.4050,
-34.7097, -20.5262

■ 132.3510,
-39.6130, -34.5108

■ 241.2680,
-26.7541, -5.4970

■ 104.8240,
-40.3392, -34.9256

■ 250.4400,
-17.4719, 3.9991

■ 77.6710, -38.2918,
-38.2995

■ 253.7460, -4.8048,
1.0998

■ 52.8300, -26.0452,
-46.3319

■ 38.7420, -19.0998,
-33.9767

■ 25.8280, -12.7332,

-22.6512

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 188.0090,
-40.9234, -34.2109

■ 188.0090,
-40.9234, -34.2109

■ 181.3150,
-48.4693, -40.6183

■ 194.7030,
-33.3776, -27.8035

■ 174.5070,
-56.4520, -46.9256

■ 201.5110,
-25.3949, -21.4961

■ 167.8130,
-63.9978, -53.3330

■ 208.2050,
-17.8491, -15.0888

■ 161.0050,
-71.9805, -59.6404

■ 215.0130, -9.8664,
-8.7814

■ 156.3050,
-77.0584, -64.2885

■ 222.0060, -2.4680,
-1.7593

■ 228.7000, 5.0779,
4.6481

■ 234.7100, 10.0030,
11.6553

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



196.1870, -60.7312, 19.1300



188.0090, -40.9234, -34.2109



156.0220, 2.4542, -134.2003

Triad

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



188.0090, -40.9234, -34.2109



159.3840, 47.1387, -139.7798



184.6840, -0.3372, 61.6671

Complementary

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



188.0090, -40.9234, -34.2109



140.9910, 40.9234, 34.2109

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.



195.3880, 25.4447, 52.2797



188.0090, -40.9234, -34.2109



188.2860, 32.8900, -49.3628

Square

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



188.0090, -40.9234, -34.2109



165.8410, 43.9554, -145.4426



204.7180, 24.7890, 29.1883



186.1760, -30.1598, 60.3586

Rectangle

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



188.0090, -40.9234, -34.2109



161.3150, 21.5367, -141.4733



204.7180, 24.7890, 29.1883



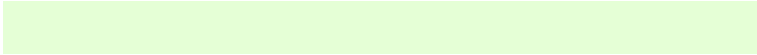
186.4910, 9.1249, 60.0824

Sweetspot

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



188.0090, -40.9234, -34.2109



242.5520, -14.0761, -11.8851



183.4320, -38.6670, 35.5781



120.3660, -8.5614, -7.3370



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.



188.0090, -40.9234, -34.2109



205.6210, -56.0152, -47.0256



176.4490, -28.3224, -62.6608



108.6530, -3.7729, -3.2037



122.7470, -60.5143, -50.6441



33.5580, -16.5441, -13.6444

Inverse Universe

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



140.9910, 40.9234, 34.2109



141.3790, 56.0152, 47.0256



152.5510, 28.3224, 62.6608



104.3470, 3.7729, 3.2037



53.2530, 60.5143, 50.6441



14.7410, 16.3967, 14.2591

Previews

White Background



This preview shows how the YUV color 188.0090, -40.9234, -34.2109 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 188.0090, -40.9234, -34.2109 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 188.0090, -40.9234, -34.2109 Background



This preview shows how black text looks on a background with the YUV color 188.0090, -40.9234, -34.2109.



This preview shows how white text looks on a background with the YUV color 188.0090, -40.9234, -34.2109.

-34.2109.

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

188.0090, -40.9234, -34.2109

Protanopia

198.1950, -49.3961, 23.5080

Deuteranopia

201.2110, -43.4880, 41.9110



Tritanopia

200.0810, 13.7641, -28.1350

Trichromacy



Original Color

188.0090, -40.9234, -34.2109

Protanomaly

194.2740, -45.9841, 2.3907

Deuteranomaly

196.5620, -42.6751, 14.4161

Tritanomaly

195.7930, -6.3069, -30.5135

Monochromacy



Original Color

188.0090, -40.9234, -34.2109

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0250, -14.8023, -12.2999

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0090, -40.9234, -34.2109 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(149, 224, 105)` looks like.

```
.text, #text, p{  
    color:rgb(149, 224, 105)  
}
```

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(149, 224, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 224, 105) }
```

Border

The CSS property to change the border of an element to YUV 188.0090, -40.9234, -34.2109 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(149, 224, 105) }
```


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

```
.border{ border-color:rgb(149, 224, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 224, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 224, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 224, 105);  
box-shadow:4px 4px 4px 4px rgb(149, 224,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 188.0090, -40.9234, -34.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 224, 105) }
```

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

```
.background{ background-color: rgb(149,  
224, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor