

Converting Colors

YUV(208.6540, -35.8184,
-38.2846)

Have a look what the booklet for
YUV(208.6540, -35.8184, -38.2846)
contains.

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Color

**YUV(208.6540, -35.8184,
-38.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	A5F588
RGB	165, 245, 136
RGB Percent	65%, 96%, 53%
CMY	0.3529, 0.0392, 0.4667
CMYK	0.33, 0.00, 0.44, 0.04
HSL	104°, 84%, 75%
HSV	104°, 44%, 96%
XYZ	52.6134, 75.0817, 35.0118
YIQ	208.6540, -12.6910, -50.8590

Conversions

Conversions Part 2

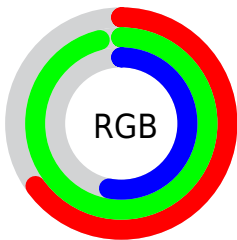
Format	Color
RYB	136, 245, 216
Decimal	10876296
CIELab	89.43, -43.90, 44.76
CIELCh	89, 62.697, 134.448
Yxy	75.0817, 0.3234, 0.4615
Android (android.graphics.Color)	4289066376 (0xFFA5F588)
YUV	208.6540, -35.8184, -38.2846
Hunter-Lab	86.6497, -43.2524, 36.6980

Details

The YUV color **208.6540, -35.8184, -38.2846** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **172.3460, 35.8184, 38.2846**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1360, -23.2380, -13.2743**, and **152.5230, -33.7818, -38.1697** is the 20% darker color. If you saturate the color by 10%, you get **200.5360, -43.6482, -46.9511**, and if you desaturate by 10%, it is **216.8860, -27.5518, -29.7180**.

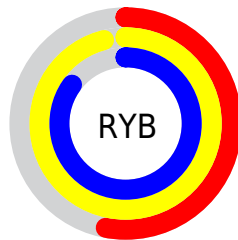
Distribution



Red (65%)

Green (96%)

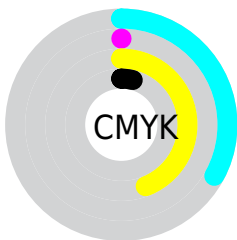
Blue (53%)



Red (53%)

Yellow (96%)

Blue (85%)

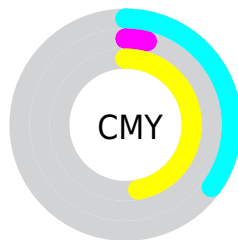


Cyan (33%)

Magenta (0%)

Yellow (44%)

Black (4%)



Cyan (35%)

Magenta (4%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.6540, -35.8184, -38.2846 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 208.6540, -35.8184, -38.2846 by changing the saturation by 10% instead.

■ 208.6540,
-35.8184, -38.2846

■ 208.6540,
-35.8184, -38.2846

■ 255.0000, 0.0000,
0.0000

■ 180.2950,
-34.6554, -37.9697

■ 238.1360,
-23.2380, -13.2743

■ 152.5230,
-33.7818, -38.1697

■ 249.9990,
-15.2825, 1.7549

■ 125.3380,
-33.1976, -38.8844

■ 254.2020, -3.0576,
0.6998

■ 98.1530, -32.6134,
-39.5992

■ 68.7780, -33.9076,
-44.5323

■ 48.7210, -24.0195,
-42.7283

■ 34.6330, -17.0741,

-30.3731

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 208.6540,
-35.8184, -38.2846

■ 208.6540,
-35.8184, -38.2846

■ 200.5360,
-43.6482, -46.9511

■ 216.8860,
-27.5518, -29.7180

■ 192.3040,
-51.9149, -55.5176

■ 225.0040,
-19.7220, -21.0515

■ 184.0720,
-60.1815, -64.0841

■ 233.2360,
-11.4553, -12.4850

■ 175.9540,
-68.0113, -72.7507

■ 241.3540, -3.6255,
-3.8185

■ 167.8360,
-75.8411, -81.4172

■ 249.1300, 2.8939,
5.1480

■ 163.2500,
-80.4822, -86.1653

Harmonies

Analogous

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



216.8210, -55.6208, 13.3120



208.6540, -35.8184, -38.2846



188.8230, 1.0733, -111.2238

Triad

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



208.6540, -35.8184, -38.2846



169.9500, 41.9297, -149.0461



201.5420, -1.7462, 46.8827

Complementary

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



208.6540, -35.8184, -38.2846



172.3460, 35.8184, 38.2846

Split Complementary

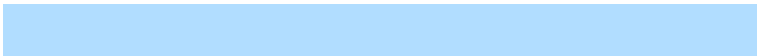
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209.8010, 22.2831, 39.6395



208.6540, -35.8184, -38.2846



211.7200, 21.3370, -30.4494

Square

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



208.6540, -35.8184, -38.2846



176.4070, 38.7463, -154.7089



221.5410, 16.4953, 29.3435



203.4900, -29.8216, 45.1743

Rectangle

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



208.6540, -35.8184, -38.2846



176.1330, 27.5424, -154.4686



221.5410, 16.4953, 29.3435



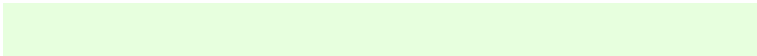
203.2350, 7.2791, 45.3979

Sweetspot

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



208.6540, -35.8184, -38.2846



244.0620, -10.8766, -11.4554



215.5510, -39.2186, 25.8268



121.1210, -6.9617, -7.1221



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.



208.6540, -35.8184, -38.2846



210.0090, -44.3744, -47.3659



202.8330, -20.6237, -58.6125



117.9410, -3.9149, -4.3333



124.1320, -61.1971, -65.0138



39.4170, -19.4326, -20.5367

Inverse Universe

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



172.3460, 35.8184, 38.2846



164.9910, 44.3744, 47.3659



178.1670, 20.6237, 58.6125



114.0590, 3.9149, 4.3333



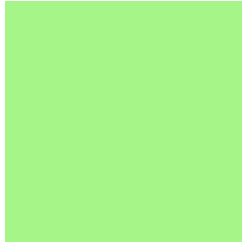
62.1670, 61.0497, 65.6285



19.5830, 19.4326, 20.5367

Previews

White Background



This preview shows how the YUV color 208.6540, -35.8184, -38.2846 looks on a white background.

Color Contrast Check

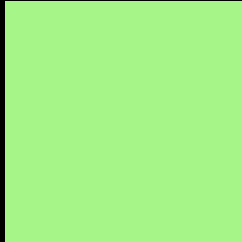
Large Text (above 18pt) WCAG AA × Fail

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 208.6540, -35.8184, -38.2846 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

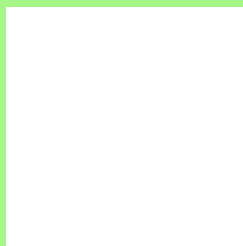
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 208.6540, -35.8184, -38.2846 Background



This preview shows how black text looks on a background with the YUV color 208.6540, -35.8184, -38.2846.



This preview shows how white text looks on a background with the YUV color 208.6540, -35.8184, -38.2846.

-38.2846.

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

208.6540, -35.8184, -38.2846

Protanopia

219.3350, -45.0282, 22.5082

Deuteranopia

223.6880, -23.5102, 27.4606



Tritanopia

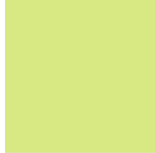
219.7000, 14.9379, -31.3089

Trichromacy



Original Color

208.6540, -35.8184, -38.2846



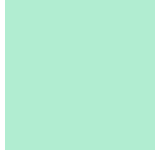
Protanomaly

215.7020, -41.7581, 0.2613



Deuteranomaly

217.9810, -28.0916, 3.5247



Tritanomaly

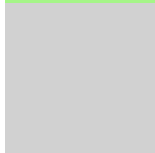
215.8680, -3.3859, -34.0872

Monochromacy



Original Color

208.6540, -35.8184, -38.2846



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.7690, -13.1971, -13.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.6540, -35.8184, -38.2846 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(165, 245, 136)` looks like.

```
.text, #text, p{  
    color:rgb(165, 245, 136)  
}
```

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(165, 245, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 245, 136) }
```

Border

The CSS property to change the border of an element to YUV 208.6540, -35.8184, -38.2846 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(165, 245, 136) }
```


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

```
.border{ border-color:rgb(165, 245, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 245, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 245, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 245, 136);  
box-shadow:4px 4px 4px 4px rgb(165, 245,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 208.6540, -35.8184, -38.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 245, 136) }
```

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

```
.background{ background-color: rgb(165,  
245, 136) }
```

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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