

Converting Colors

YUV(209.4560, -35.2278,
5.7391)

Have a look what the booklet for
YUV(209.4560, -35.2278, 5.7391)
contains.

YUV(209.4560, -35.2278, 5.7391)	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(209.4560, -35.2278,
5.7391)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DC8A
RGB	216, 220, 138
RGB Percent	85%, 86%, 54%
CMY	0.1529, 0.1373, 0.4588
CMYK	0.02, 0.00, 0.37, 0.14
HSL	63°, 54%, 70%
HSV	63°, 37%, 86%
XYZ	58.4995, 67.6203, 34.0135
YIQ	209.4560, 23.9380, -26.3500

Conversions

Conversions Part 2

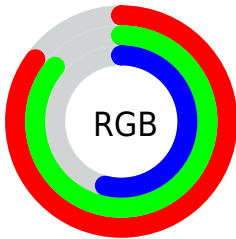
Format	Color
RYB	138, 220, 142
Decimal	14212234
CIELab	85.82, -13.55, 39.84
CIELCh	86, 42.082, 108.784
Yxy	67.6203, 0.3653, 0.4223
Android (android.graphics.Color)	4292402314 (0xFFD8DC8A)
YUV	209.4560, -35.2278, 5.7391
Hunter-Lab	82.2316, -16.9203, 33.0379

Details

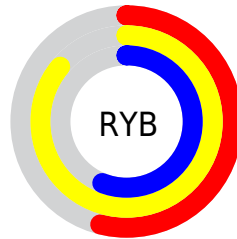
The YUV color $209.4560, -35.2278, 5.7391$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $148.5440, 35.2278, -5.7391$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $154.4990, -33.7700, 4.8244$ is the 20% darker color. If you saturate the color by 10%, you get $206.6490, -44.6900, 7.3238$, and if you desaturate by 10%, it is $212.2630, -25.7657, 4.1543$.

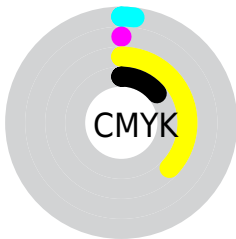
Distribution



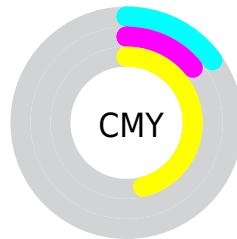
- Red (85%)
- Green (86%)
- Blue (54%)



- Red (54%)
- Yellow (86%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.4560, -35.2278, 5.7391 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 209.4560, -35.2278, 5.7391 by changing the saturation by 10% instead.

■ 209.4560,
-35.2278, 5.7391

■ 209.4560,
-35.2278, 5.7391

■ 255.0000, 0.0000,
0.0000

■ 181.6840,
-34.3542, 5.5391

■ 247.8180,
-27.5183, 6.2986

■ 154.4990,
-33.7700, 4.8244

■ 251.1240,
-14.8511, 3.3993

■ 128.4280,
-32.7490, 4.0096

■ 254.3160, -2.6208,
0.5999

■ 102.5420,
-32.3122, 3.9097

■ 77.6020, -33.3278,
2.9800

■ 55.7850, -27.5020,
1.0656

■ 35.3960, -17.4502,

-2.9783

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 209.4560,
-35.2278, 5.7391

■ 209.4560,
-35.2278, 5.7391

■ 206.6490,
-44.6900, 7.3238

■ 212.2630,
-25.7657, 4.1543

■ 203.8420,
-54.1521, 8.9086

■ 215.0700,
-16.3035, 2.5696

■ 201.0350,
-63.6143, 10.4933

■ 217.8770, -6.8414,
0.9849

■ 198.2280,
-73.0764, 12.0780

■ 220.6840, 2.6208,
-0.5999

■ 195.4210,
-82.5386, 13.6628

■ 223.4910, 12.0829,
-2.1846

■ 192.6140,
-92.0007, 15.2475

■ 224.5880, 14.9931,
-2.2697

■ 191.6310,
-94.4741, 15.2326

■ 225.1860, 14.6983,
-1.0401

■ 225.4850, 14.5509,
-0.4253

■ 225.7840, 14.4035,
0.1894

Harmonies

Analogous

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



213.2580, -38.0882, 36.6077



209.4560, -35.2278, 5.7391



204.4930, -21.4420, -29.3734

Triad

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



209.4560, -35.2278, 5.7391



187.3800, 33.3367, -99.4343



211.1740, 9.7742, 38.4354

Complementary

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



209.4560, -35.2278, 5.7391



148.5440, 35.2278, -5.7391

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.



218.2850, 18.1005, 27.8141



209.4560, -35.2278, 5.7391



200.0370, 27.0968, -57.9144

Square

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



209.4560, -35.2278, 5.7391



187.6050, 25.3377, -100.5086



211.5420, 21.4248, -11.8763



206.6140, -7.6977, 42.4345

Rectangle

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



209.4560, -35.2278, 5.7391



199.5960, -7.6888, -54.0197



211.5420, 21.4248, -11.8763



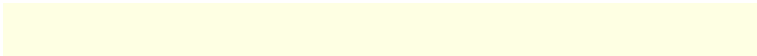
214.4170, 14.5844, 35.5913

Sweetspot

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



209.4560, -35.2278, 5.7391



251.5090, -12.0829, 2.1846



164.2790, -12.9555, 48.8673



125.7630, -7.2782, 1.0848



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.



209.4560, -35.2278, 5.7391



240.0960, -49.3473, 7.8088



197.4960, -29.3315, -18.8520



108.4470, -4.6574, 0.4850



150.8860, -74.3868, 12.3780



40.1580, -19.7979, 3.3694

Inverse Universe

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



148.5440, 35.2278, -5.7391



154.9040, 49.3473, -7.8088



160.5040, 29.3315, 18.8520



100.2540, 4.8048, -1.0998



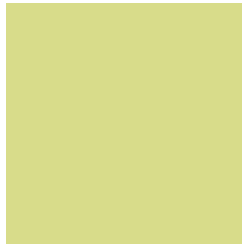
22.1140, 74.3868, -12.3780



5.8420, 19.7979, -3.3694

Previews

White Background



This preview shows how the YUV color 209.4560, -35.2278, 5.7391 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 209.4560, -35.2278, 5.7391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

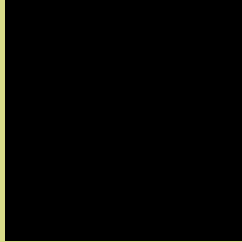
Any Text WCAG AA ✓ Pass

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 209.4560, -35.2278, 5.7391 Background



This preview shows how black text looks on a background with the YUV color 209.4560, -35.2278, 5.7391.



This preview shows how white text looks on a background with the YUV color 209.4560, -35.2278, 5.7391.

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

209.4560, -35.2278, 5.7391

Protanopia

211.0880, -37.0184, 20.0938

Deuteranopia

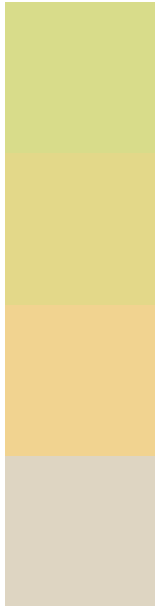
213.9250, -32.9940, 36.0228



Tritanopia

216.0210, 4.9196, 8.7516

Trichromacy



Original Color

209.4560, -35.2278, 5.7391

Protanomaly

210.2830, -36.1285, 14.6608

Deuteranomaly

212.3320, -33.6877, 25.1418

Tritanomaly

213.5250, -9.6258, 7.4326

Monochromacy



Original Color

209.4560, -35.2278, 5.7391

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.2810, -12.9565, 2.3846

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.4560, -35.2278, 5.7391 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(216, 220, 138)` looks like.

```
.text, #text, p{  
    color:rgb(216, 220, 138)  
}
```

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(216, 220, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 220, 138) }
```

Border

The CSS property to change the border of an element to YUV 209.4560, -35.2278, 5.7391 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(216, 220, 138) }
```


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

```
.border{ border-color:rgb(216, 220, 138) }
```

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

Here you see how a box with a 4 pixel rgb(216, 220, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 220, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 220, 138);  
box-shadow:4px 4px 4px 4px rgb(216, 220,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 209.4560, -35.2278, 5.7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 220, 138) }
```

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

```
.background{ background-color: rgb(216,  
220, 138) }
```

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