

Converting Colors

YUV(209.3260, -54.8837,
10.2381)

Have a look what the booklet for
YUV(209.3260, -54.8837, 10.2381)
contains.

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Color

**YUV(209.3260, -54.8837,
10.2381)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE162
RGB	221, 225, 98
RGB Percent	87%, 88%, 38%
CMY	0.1333, 0.1176, 0.6157
CMYK	0.02, 0.00, 0.56, 0.12
HSL	62°, 68%, 63%
HSV	62°, 56%, 88%
XYZ	58.9486, 70.1044, 21.9799
YIQ	209.3260, 38.3830, -40.3450

Conversions

Conversions Part 2

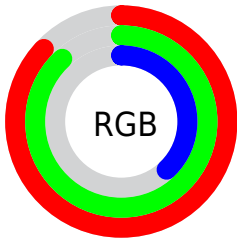
Format	Color
R_{YB}	98, 225, 102
Decimal	14541154
CIE _{Lab}	87.05, -17.77, 60.35
CIE _{LCh}	87, 62.909, 106.412
Yxy	70.1044, 0.3903, 0.4642
Android (android.graphics.Color)	4292731234 (0xFFDDE162)
YUV	209.3260, -54.8837, 10.2381
Hunter-Lab	83.7284, -20.8525, 43.0454

Details

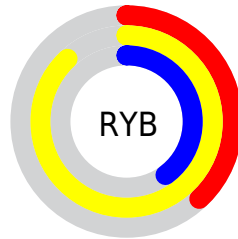
The YUV color $209.3260, -54.8837, 10.2381$ is a light color, and the websafe version is hex `CCCC33`. A complement of this color would be $113.6740, 54.8837, -10.2381$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.3720, -44.5534, 10.1978$, and $153.3150, -54.8783, 8.4937$ is the 20% darker color. If you saturate the color by 10%, you get $206.5190, -64.3459, 11.8228$, and if you desaturate by 10%, it is $212.2470, -44.9848, 8.5534$.

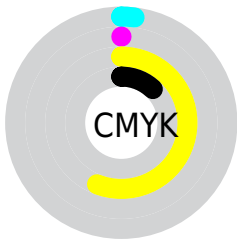
Distribution



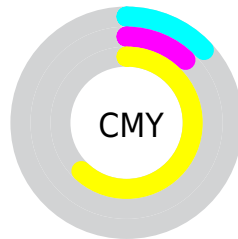
- Red (87%)
- Green (88%)
- Blue (38%)



- Red (38%)
- Yellow (88%)
- Blue (40%)



- Cyan (2%)
- Magenta (0%)
- Yellow (56%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3260, -54.8837, 10.2381 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 209.3260, -54.8837, 10.2381 by changing the saturation by 10% instead.

■ 209.3260,
-54.8837, 10.2381

■ 209.3260,
-54.8837, 10.2381

■ 255.0000, 0.0000,
0.0000

■ 181.1410,
-54.2995, 9.5233

■ 243.3720,
-44.5534, 10.1978

■ 153.3150,
-54.8783, 8.4937

■ 246.5640,
-32.3231, 7.3984

■ 125.2350,
-60.2619, 8.5639

■ 249.7560,
-20.0927, 4.5990

■ 101.5580,
-50.0681, 5.6496

■ 253.0620, -7.4256,
1.6996

■ 78.8100, -38.8533,
1.9206

■ 57.5350, -28.3648,
-2.2232

■ 36.8470, -18.1656,

-6.8818

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 209.3260,
-54.8837, 10.2381

■ 209.3260,
-54.8837, 10.2381

■ 206.5190,
-64.3459, 11.8228

■ 212.2470,
-44.9848, 8.5534

■ 203.8970,
-74.3922, 14.1223

■ 214.7550,
-35.3752, 6.3539

■ 200.9760,
-84.2912, 15.8070

■ 217.5620,
-25.9131, 4.7691

■ 198.1690,
-93.7533, 17.3918

■ 220.4830,
-16.0141, 3.0844

■ 197.2570,
-97.2477, 18.1916

■ 223.4040, -6.1152,
1.3997

■ 225.9120, 3.4944,
-0.7998

■ 228.7190, 12.9565,
-2.3846

■ 229.0180, 12.8091,
-1.7698

Harmonies

Analogous

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



207.8660, -53.6709, 41.3365



209.3260, -54.8837, 10.2381



201.0880, -34.0604, -42.1732

Triad

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



209.3260, -54.8837, 10.2381



172.2980, 40.7721, -151.1053



204.8940, 21.2513, 43.9430

Complementary

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



209.3260, -54.8837, 10.2381



113.6740, 54.8837, -10.2381

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.



216.2580, 19.0998, 33.9767



209.3260, -54.8837, 10.2381



165.2540, 44.2448, -144.9278

Square

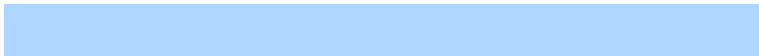
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.3260, -54.8837, 10.2381



174.0760, 37.4305, -152.6647



206.7250, 23.7996, -26.9458



196.1790, -4.5252, 51.5860

Rectangle

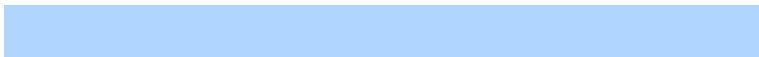
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209.3260, -54.8837, 10.2381



190.1760, -10.9328, -86.9774



206.7250, 23.7996, -26.9458



208.0400, 23.1513, 41.1839

Sweetspot

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



209.3260, -54.8837, 10.2381



249.7990, -18.6349, 3.6843



137.1470, -19.2995, 77.0471



124.7370, -11.2093, 1.9847



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.



209.3260, -54.8837, 10.2381



233.7830, -74.8290, 14.2223



190.7880, -45.7445, -27.8781



110.7460, -4.8048, 1.0998



154.1420, -75.9920, 13.9075



42.2290, -20.8189, 4.1842

Inverse Universe

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



113.6740, 54.8837, -10.2381



103.2170, 74.8290, -14.2223



132.2120, 45.7445, 27.8781



102.2540, 4.8048, -1.0998



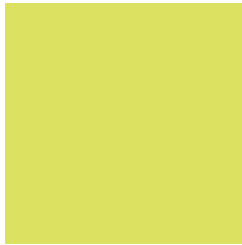
21.8580, 75.9920, -13.9075



6.0700, 20.6715, -3.5694

Previews

White Background



This preview shows how the YUV color 209.3260, -54.8837, 10.2381 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 209.3260, -54.8837, 10.2381 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 209.3260, -54.8837, 10.2381 Background



This preview shows how black text looks on a background with the YUV color 209.3260, -54.8837, 10.2381.



This preview shows how white text looks on a background with the YUV color 209.3260, -54.8837, 10.2381.

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

209.3260, -54.8837, 10.2381

Protanopia

211.2680, -56.8271, 26.9520

Deuteranopia

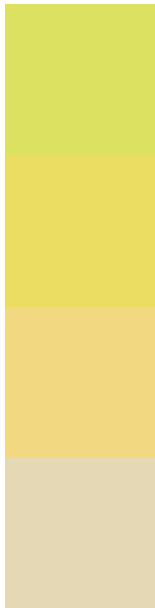
217.0880, -33.5674, 33.2488



Tritanopia

219.8150, 4.0352, 12.4402

Trichromacy



Original Color

209.3260, -54.8837, 10.2381

Protanomaly

210.7510, -56.0792, 20.3894

Deuteranomaly

214.2690, -41.5446, 25.1971

Tritanomaly

215.8970, -17.2042, 11.4913

Monochromacy



Original Color

209.3260, -54.8837, 10.2381

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1580, -19.7979, 3.3694

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3260, -54.8837, 10.2381 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(221, 225, 98)` looks like.

```
.text, #text, p{  
    color:rgb(221, 225, 98)  
}
```

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(221, 225, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 225, 98) }
```

Border

The CSS property to change the border of an element to YUV 209.3260, -54.8837, 10.2381 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(221, 225, 98) }
```


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

```
.border{ border-color:rgb(221, 225, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 225, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 225, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 225, 98);  
box-shadow:4px 4px 4px 4px rgb(221, 225,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 209.3260, -54.8837, 10.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 225, 98) }
```

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

```
.background{ background-color: rgb(221,  
225, 98) }
```

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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