

Converting Colors

YUV(209.2150, -83.4230,
17.3514)

Have a look what the booklet for
YUV(209.2150, -83.4230, 17.3514)
contains.

| | |
|--|----|
| YUV(209.2150, -83.4230, 17.3514) | 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(209.2150, -83.4230,
17.3514)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5E828 |
| RGB | 229, 232, 40 |
| RGB Percent | 90%, 91%, 16% |
| CMY | 0.1020, 0.0902, 0.8431 |
| CMYK | 0.01, 0.00, 0.83, 0.09 |
| HSL | 61°, 81%, 53% |
| HSV | 61°, 83%, 91% |
| XYZ | 61.5527, 74.5244, 13.1480 |
| YIQ | 209.2150, 59.8440, -60.3480 |

Conversions

Conversions Part 2

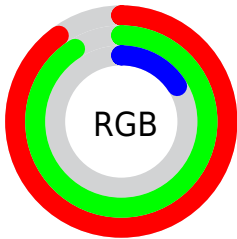
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 40, 232, 43 |
| Decimal | 15067176 |
| CIE _{Lab} | 89.17, -20.73, 82.47 |
| CIE _{LCh} | 89, 85.039, 104.110 |
| Yxy | 74.5244, 0.4125, 0.4994 |
| Android (android.graphics.Color) | 4293257256 (0xFFE5E828) |
| YUV | 209.2150, -83.4230, 17.3514 |
| Hunter-Lab | 86.3275, -23.8003, 51.3992 |

Details

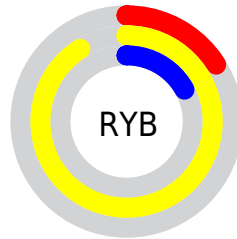
The YUV color **209.2150, -83.4230, 17.3514** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **62.7850, 83.4230, -17.3514**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.0140, -65.0829, 14.8967**, and **154.4300, -76.1340, 12.7779** is the 20% darker color. If you saturate the color by 10%, you get **206.5930, -93.4693, 19.6509**, and if you desaturate by 10%, it is **211.8370, -73.3766, 15.0520**.

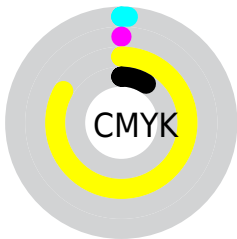
Distribution



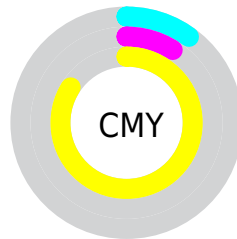
- Red (90%)
- Green (91%)
- Blue (16%)



- Red (16%)
- Yellow (91%)
- Blue (17%)



- Cyan (1%)
- Magenta (0%)
- Yellow (83%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.2150, -83.4230, 17.3514 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 209.2150, -83.4230, 17.3514 by changing the saturation by 10% instead.

■ 209.2150,
-83.4230, 17.3514

■ 209.2150,
-83.4230, 17.3514

255.0000, 0.0000,
0.0000

■ 179.2490,
-88.3698, 17.3216

■ 238.0140,
-65.0829, 14.8967

■ 154.4300,
-76.1340, 12.7779

■ 241.3200,
-52.4158, 11.9974

■ 129.9100,
-64.0456, 8.8489

■ 244.7400,
-39.3118, 8.9980

■ 106.2760,
-52.3941, 5.0199

■ 248.0460,
-26.6447, 6.0987

■ 83.5170, -41.1739,
-0.4534

■ 251.4660,
-13.5407, 3.0993


■ 61.3560, -30.2485,
-4.6972


254.8860, -0.4368,


■ 39.7820, -19.6125,


0.1000


-9.4558


 18.7840, -9.2605,
-16.4736

 0.0000, 0.0000,
0.0000


 209.2150,
-83.4230, 17.3514


 209.2150,
-83.4230, 17.3514


 206.5930,
-93.4693, 19.6509

 211.8370,
-73.3766, 15.0520

 204.3560,
-100.7475, 20.7358

 214.7580,
-63.4777, 13.3672

 217.4940,
-52.9945, 10.9678

 220.1160,
-42.9482, 8.6683

■ 223.0370,
-33.0492, 6.9836

■ 225.6590,
-23.0029, 4.6841

■ 228.5800,
-13.1039, 2.9993

■ 231.3160, -2.6208,
0.5999

■ 233.9380, 7.4256,
-1.6996

Harmonies

Analogous

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



202.0350, -73.4743, 46.4503



209.2150, -83.4230, 17.3514



198.7000, -49.1521, -54.9879

Triad

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



209.2150, -83.4230, 17.3514



178.7550, 37.5888, -156.7681



195.1260, 29.5179, 52.5095

Complementary

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



209.2150, -83.4230, 17.3514



62.7850, 83.4230, -17.3514

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.



213.9100, 20.2574, 36.0359



209.2150, -83.4230, 17.3514



172.8850, 40.4827, -151.6201

Square

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



209.2150, -83.4230, 17.3514



178.7550, 37.5888, -156.7681



197.9770, 28.1123, -56.9848



183.4930, 2.7150, 62.7116

Rectangle

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



209.2150, -83.4230, 17.3514



166.6710, -8.7118, -146.1705



197.9770, 28.1123, -56.9848



200.4090, 26.9134, 47.8763

Sweetspot

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



209.2150, -83.4230, 17.3514



247.4050, -27.8077, 5.7838



97.4080, -28.3021, 118.0372



123.2550, -16.8877, 3.2844



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.



209.2150, -83.4230, 17.3514



225.0760, -109.4835, 22.7353



181.4080, -69.7141, -39.8228



113.6320, -5.2416, 1.1997



157.6970, -77.7446, 16.0517



44.8870, -22.1293, 4.4841

Inverse Universe

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



62.7850, 83.4230, -17.3514



32.6250, 109.6309, -23.3501



90.5920, 69.7141, 39.8228



104.3680, 5.2416, -1.1997



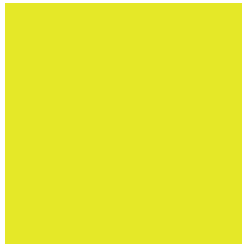
21.3030, 77.7446, -16.0517



6.1130, 22.1293, -4.4841

Previews

White Background



This preview shows how the YUV color 209.2150, -83.4230, 17.3514 looks on a white background.

Color Contrast Check

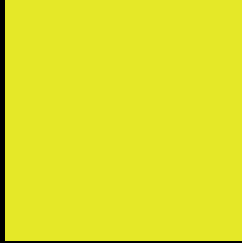
Large Text (above 18pt) WCAG AA × Fail

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 209.2150, -83.4230, 17.3514 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 209.2150, -83.4230, 17.3514

Background



This preview shows how black text looks on a background with the YUV color 209.2150, -83.4230, 17.3514.



This preview shows how white text looks on a background with the YUV color 209.2150, -83.4230, 17.3514.

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

209.2150, -83.4230, 17.3514

Protanopia

211.1680, -85.3718, 35.8097

Deuteranopia

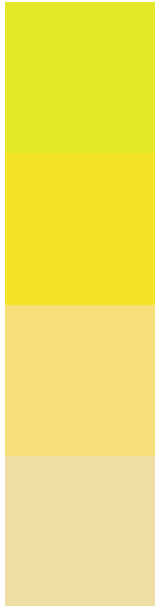
223.0210, -28.6044, 28.0456



Tritanopia

226.3100, 3.2982, 15.5141

Trichromacy



Original Color

209.2150, -83.4230, 17.3514

Protanomaly

210.6510, -84.6239, 29.2471

Deuteranomaly

218.1350, -48.3806, 24.4376

Tritanomaly

220.3570, -28.2770, 16.3499

Monochromacy



Original Color

209.2150, -83.4230, 17.3514

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.8350, -29.9917, 6.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.2150, -83.4230, 17.3514 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(229, 232, 40)` looks like.

```
.text, #text, p{  
    color:rgb(229, 232, 40)  
}
```

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(229, 232, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 232, 40) }
```

Border

The CSS property to change the border of an element to YUV 209.2150, -83.4230, 17.3514 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(229, 232, 40) }
```


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

```
.border{ border-color:rgb(229, 232, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 232, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 232, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 232, 40);  
box-shadow:4px 4px 4px 4px rgb(229, 232,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 209.2150, -83.4230, 17.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 232, 40) }
```

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

```
.background{ background-color: rgb(229,  
232, 40) }
```

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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