

Converting Colors

YUV(209.5940, -78.1868,
17.8961)

Have a look what the booklet for
YUV(209.5940, -78.1868, 17.8961)
contains.

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Color

**YUV(209.5940, -78.1868,
17.8961)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E633
RGB	230, 230, 51
RGB Percent	90%, 90%, 20%
CMY	0.0980, 0.0980, 0.8000
CMYK	0.00, 0.00, 0.78, 0.10
HSL	60°, 78%, 55%
HSV	60°, 78%, 90%
XYZ	61.5275, 73.6556, 14.1061
YIQ	209.5940, 57.4590, -55.6690

Conversions

Conversions Part 2

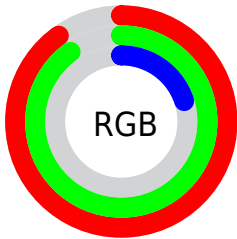
Format	Color
RYB	51, 230, 51
Decimal	15132211
CIELab	88.76, -19.02, 79.42
CIELCh	89, 81.666, 103.469
Yxy	73.6556, 0.4121, 0.4934
Android (android.graphics.Color)	4293322291 (0xFFE6E633)
YUV	209.5940, -78.1868, 17.8961
Hunter-Lab	85.8229, -22.2211, 50.3309

Details

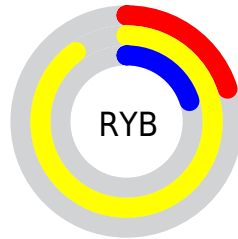
The YUV color **209.5940, -78.1868, 17.8961** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **71.4060, 78.1868, -17.8961**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8120, -62.0253, 14.1969**, and **153.5550, -75.7026, 14.4223** is the 20% darker color. If you saturate the color by 10%, you get **206.9720, -88.2332, 20.1956**, and if you desaturate by 10%, it is **212.2160, -68.1405, 15.5966**.

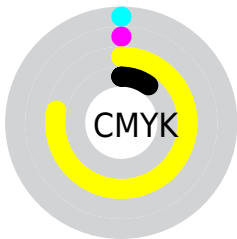
Distribution



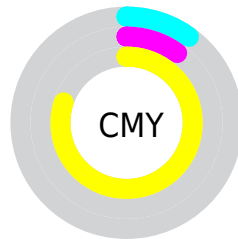
- Red (90%)
- Green (90%)
- Blue (20%)



- Red (20%)
- Yellow (90%)
- Blue (20%)



- Cyan (0%)
- Magenta (0%)
- Yellow (78%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.5940, -78.1868, 17.8961 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 209.5940, -78.1868, 17.8961 by changing the saturation by 10% instead.

■ 209.5940,
-78.1868, 17.8961

■ 209.5940,
-78.1868, 17.8961

255.0000, 0.0000,
0.0000

■ 178.3740,
-87.9384, 18.9660

■ 238.8120,
-62.0253, 14.1969

■ 153.5550,
-75.7026, 14.4223

■ 242.1180,
-49.3582, 11.2975

■ 129.0350,
-63.6143, 10.4933

■ 245.4240,
-36.6910, 8.3982

■ 105.9880,
-52.2521, 6.1495

■ 248.7300,
-24.0239, 5.4988

■ 82.9410, -40.8899,
1.8057

■ 252.1500,
-10.9200, 2.4994

■ 60.4810, -29.8171,
-3.0528

■ 39.7930, -19.6179,

-7.7115

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 209.5940,
-78.1868, 17.8961

■ 209.5940,
-78.1868, 17.8961

■ 206.9720,
-88.2332, 20.1956

■ 212.2160,
-68.1405, 15.5966

■ 204.3500,
-98.2795, 22.4951

■ 214.8380,
-58.0941, 13.2971

■ 203.7800,
-100.4635, 22.9949

■ 217.4600,
-48.0478, 10.9976

■ 220.0820,
-38.0014, 8.6981

■ 222.7040,
-27.9551, 6.3986

■ 225.3260,
-17.9087, 4.0991

■ 227.9480, -7.8624,
1.7996

■ 230.5700, 2.1840,
-0.4999

■ 232.8500, 10.9200,
-2.4994

Harmonies

Analogous

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



202.5880, -68.8169, 45.9653



209.5940, -78.1868, 17.8961



199.6620, -48.1474, -50.5696

Triad

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



209.5940, -78.1868, 17.8961



178.7550, 37.5888, -156.7681



196.8870, 28.6497, 50.9651

Complementary

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



209.5940, -78.1868, 17.8961



71.4060, 78.1868, -17.8961

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.



215.0840, 19.6786, 35.0063



209.5940, -78.1868, 17.8961



172.2980, 40.7721, -151.1053

Square

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



209.5940, -78.1868, 17.8961



178.7550, 37.5888, -156.7681



198.5750, 27.8175, -55.7553



185.4820, 2.7204, 60.9673

Rectangle

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



209.5940, -78.1868, 17.8961



167.3830, -8.5698, -145.0409



198.5750, 27.8175, -55.7553



202.1700, 26.0452, 46.3319

Sweetspot

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



209.5940, -78.1868, 17.8961



248.2740, -25.7711, 5.8987



104.5210, -26.3859, 110.0451



123.8960, -15.7247, 3.5992



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.



209.5940, -78.1868, 17.8961



227.9820, -103.5211, 23.6948



182.9830, -65.0676, -36.8191



113.6320, -5.2416, 1.1997



158.5940, -78.1868, 17.8961



45.1860, -22.2767, 5.0989

Inverse Universe

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



71.4060, 78.1868, -17.8961



45.0180, 103.5211, -23.6948



98.3160, 64.9202, 37.4339



104.3680, 5.2416, -1.1997



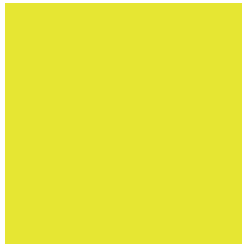
20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Previews

White Background



This preview shows how the YUV color 209.5940, -78.1868, 17.8961 looks on a white background.

Color Contrast Check

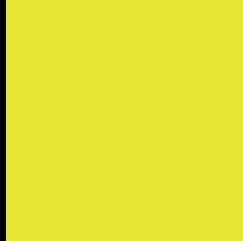
Large Text (above 18pt) WCAG AA × Fail

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 209.5940, -78.1868, 17.8961 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 209.5940, -78.1868, 17.8961 Background



This preview shows how black text looks on a background with the YUV color 209.5940, -78.1868, 17.8961.



This preview shows how white text looks on a background with the YUV color 209.5940, -78.1868, 17.8961.

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

209.5940, -78.1868, 17.8961

Protanopia

211.2370, -79.9828, 33.9952

Deuteranopia

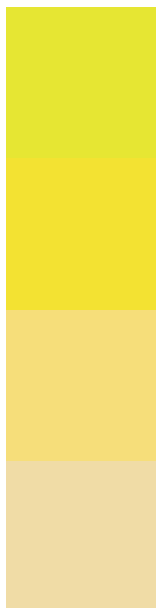
222.0920, -29.6254, 28.8603



Tritanopia

225.2070, 2.8559, 17.3585

Trichromacy



Original Color

209.5940, -78.1868, 17.8961

Protanomaly

211.0190, -79.3824, 28.0473

Deuteranomaly

217.7760, -47.2176, 24.7524

Tritanomaly

219.8240, -26.5352, 17.6944

Monochromacy



Original Color

209.5940, -78.1868, 17.8961

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.5900, -28.3919, 6.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.5940, -78.1868, 17.8961 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(230, 230, 51)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 51)  
}
```

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(230, 230, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 51) }
```

Border

The CSS property to change the border of an element to YUV 209.5940, -78.1868, 17.8961 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(230, 230, 51) }
```


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

```
.border{ border-color:rgb(230, 230, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 51);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 209.5940, -78.1868, 17.8961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 51) }
```

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

```
.background{ background-color: rgb(230,  
230, 51) }
```

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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