

Converting Colors

YUV(209.8480, -73.3821,
16.7963)

Have a look what the booklet for
YUV(209.8480, -73.3821, 16.7963)
contains.

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Color

**YUV(209.8480, -73.3821,
16.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E53D
RGB	229, 229, 61
RGB Percent	90%, 90%, 24%
CMY	0.1020, 0.1020, 0.7608
CMYK	0.00, 0.00, 0.73, 0.10
HSL	60°, 76%, 57%
HSV	60°, 73%, 90%
XYZ	61.1747, 73.0336, 15.2875
YIQ	209.8480, 53.9280, -52.2480

Conversions

Conversions Part 2

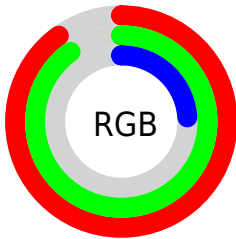
Format	Color
RYB	61, 229, 61
Decimal	15066429
CIELab	88.46, -18.58, 76.16
CIELCh	88, 78.393, 103.707
Yxy	73.0336, 0.4092, 0.4885
Android (android.graphics.Color)	4293256509 (0xFFE5E53D)
YUV	209.8480, -73.3821, 16.7963
Hunter-Lab	85.4597, -21.7785, 49.2156

Details

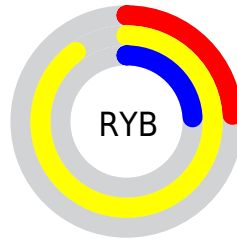
The YUV color $209.8480, -73.3821, 16.7963$ is a light color, and the websafe version is hex `CCCC00`. The color can be described as light washed yellow. A complement of this color would be $80.1520, 73.3821, -16.7963$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.6100, -58.9677, 13.4970$, and $152.9680, -75.4132, 14.9371$ is the 20% darker color. If you saturate the color by 10%, you get $207.2260, -83.4284, 19.0958$, and if you desaturate by 10%, it is $212.4700, -63.3357, 14.4968$.

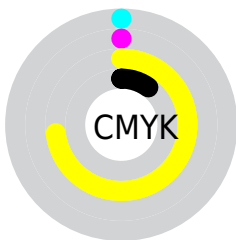
Distribution



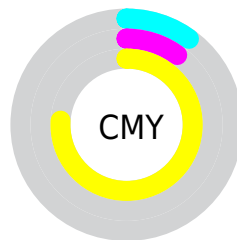
- Red (90%)
- Green (90%)
- Blue (24%)



- Red (24%)
- Yellow (90%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (73%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8480, -73.3821, 16.7963 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 209.8480, -73.3821, 16.7963 by changing the saturation by 10% instead.

■ 209.8480,
-73.3821, 16.7963

■ 209.8480,
-73.3821, 16.7963

■ 255.0000, 0.0000,
0.0000

■ 180.1100,
-77.4552, 16.5665

■ 239.6100,
-58.9677, 13.4970

■ 152.9680,
-75.4132, 14.9371

■ 242.9160,
-46.3006, 10.5977

■ 128.4480,
-63.3249, 11.0081

■ 246.2220,
-33.6334, 7.6983

■ 105.1020,
-51.8153, 6.0495

■ 249.5280,
-20.9663, 4.7989

■ 82.3540, -40.6005,
2.3205

■ 252.8340, -8.2992,
1.8996

■ 59.8940, -29.5277,
-2.5380

■ 39.2060, -19.3286,

-7.1967

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 209.8480,
-73.3821, 16.7963

■ 209.8480,
-73.3821, 16.7963

■ 207.2260,
-83.4284, 19.0958

■ 212.4700,
-63.3357, 14.4968

■ 204.6040,
-93.4748, 21.3953

■ 215.0920,
-53.2894, 12.1973

■ 202.8940,
-100.0267, 22.8950

■ 217.7140,
-43.2430, 9.8978

■ 220.3360,
-33.1966, 7.5983

■ 222.9580,
-23.1503, 5.2988

■ 225.4660,
-13.5407, 3.0993

■ 228.0880, -3.4944,
0.7998

■ 230.7100, 6.5520,
-1.4997

■ 231.9640, 11.3567,
-2.5994

Harmonies

Analogous

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



203.3860, -65.7593, 45.2655



209.8480, -73.3821, 16.7963



199.9550, -45.8268, -48.1955

Triad

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



209.8480, -73.3821, 16.7963



178.1680, 37.8782, -156.2533



198.6480, 27.7815, 49.4207

Complementary

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



209.8480, -73.3821, 16.7963



80.1520, 73.3821, -16.7963

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



209.8480, -73.3821, 16.7963



171.1240, 41.3509, -150.0757

Square

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



209.8480, -73.3821, 16.7963



178.7550, 37.5888, -156.7681



200.3800, 26.9277, -50.3223



187.8300, 1.5628, 58.9081

Rectangle

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



209.8480, -73.3821, 16.7963



177.9130, -12.2821, -120.9497



200.3800, 26.9277, -50.3223



203.3440, 25.4664, 45.3023

Sweetspot

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



209.8480, -73.3821, 16.7963



248.6160, -24.4607, 5.5988



111.2320, -24.7644, 103.2825



124.1240, -14.8511, 3.3993



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.



209.8480, -73.3821, 16.7963



229.4640, -97.8428, 22.3951



184.7320, -60.9999, -34.8450



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.



80.1520, 73.3821, -16.7963



56.5360, 97.8428, -22.3951



105.2680, 60.9999, 34.8450



104.3680, 5.2416, -1.1997



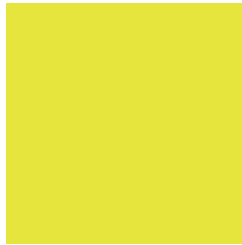
20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Previews

White Background



This preview shows how the YUV color 209.8480, -73.3821, 16.7963 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 209.8480, -73.3821, 16.7963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

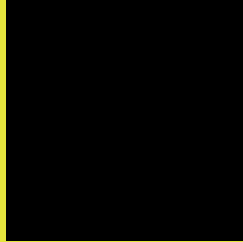
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.8480, -73.3821, 16.7963

Background



This preview shows how black text looks on a background with the YUV color 209.8480, -73.3821, 16.7963.



This preview shows how white text looks on a background with the YUV color 209.8480, -73.3821, 16.7963.

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

209.8480, -73.3821, 16.7963

Protanopia

211.4910, -75.1781, 32.8954

Deuteranopia

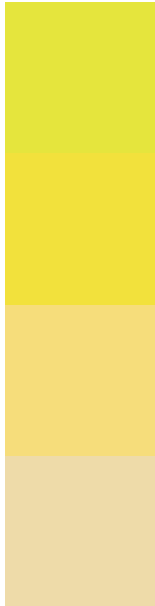
221.1630, -30.6464, 29.6750



Tritanopia

224.4950, 2.7140, 16.2289

Trichromacy



Original Color

209.8480, -73.3821, 16.7963

Protanomaly

211.2730, -74.5776, 26.9476

Deuteranomaly

217.3030, -46.4914, 25.1673

Tritanomaly

218.9810, -24.6406, 16.6797

Monochromacy



Original Color

209.8480, -73.3821, 16.7963

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0460, -26.6447, 6.0987

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8480, -73.3821, 16.7963 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, 229, 61)` looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 61)  
}
```

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, 229, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 61) }
```

Border

The CSS property to change the border of an element to YUV 209.8480, -73.3821, 16.7963 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, 229, 61) }
```


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

```
.border{ border-color:rgb(229, 229, 61) }
```

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

Here you see how a box with a 4 pixel rgb(229, 229, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 61);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 209.8480, -73.3821, 16.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 61) }
```

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

```
.background{ background-color: rgb(229,  
229, 61) }
```

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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