

Converting Colors

YUV(209.1840, 7.7973, 19.1326)

Have a look what the booklet for
YUV(209.1840, 7.7973, 19.1326)
contains.

YUV(209.1840, 7.7973, 19.1326)	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(209.1840, 7.7973,
19.1326)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C3E1
RGB	231, 195, 225
RGB Percent	91%, 76%, 88%
CMY	0.0941, 0.2353, 0.1176
CMYK	0.00, 0.16, 0.03, 0.09
HSL	310°, 43%, 84%
HSV	310°, 16%, 91%
XYZ	66.0607, 61.4554, 79.6145
YIQ	209.1840, 11.8260, 16.9620

Conversions

Conversions Part 2

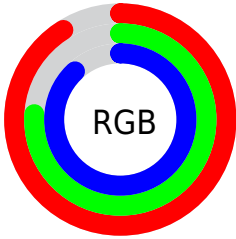
Format	Color
R _Y B	231, 195, 225
Decimal	15188961
CIE Lab	82.62, 17.80, -10.14
CIE LCh	83, 20.486, 330.330
Yxy	61.4554, 0.3189, 0.2967
Android (android.graphics.Color)	4293379041 (0xFFE7C3E1)
YUV	209.1840, 7.7973, 19.1326
Hunter-Lab	78.3935, 13.2300, -5.3380

Details

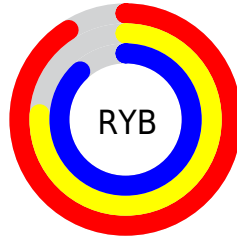
The YUV color $209.1840, 7.7973, 19.1326$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $216.8160, -7.7973, -19.1326$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8682, 1.5444$, and $154.4720, 7.6553, 18.0031$ is the 20% darker color. If you saturate the color by 10%, you get $195.2270, 12.7061, 31.3729$, and if you desaturate by 10%, it is $223.1410, 2.8885, 6.8923$.

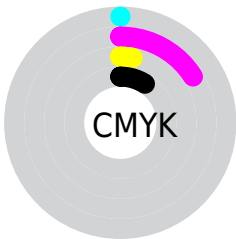
Distribution



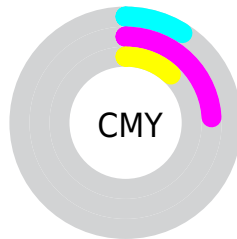
- Red (91%)
- Green (76%)
- Blue (88%)



- Red (91%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.1840, 7.7973, 19.1326 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 209.1840, 7.7973, 19.1326 by changing the saturation by 10% instead.


 209.1840, 7.7973,
19.1326

 209.1840, 7.7973,
19.1326

255.0000, 0.0000,
0.0000


 181.7710, 7.5079,
18.6178


 253.2390, 0.8682,
1.5444

 154.4720, 7.6553,
18.0031

 128.6460, 7.0765,
16.9735

 103.3470, 7.2239,
16.3587

 78.9340, 6.9345,
15.8439

 55.5210, 6.6451,
15.3291

 33.8090, 6.5032,

14.1995

■ 12.3470, 7.2239,
16.3587

■ 0.0000, 0.0000,
0.0000

■ 209.1840, 7.7973,
19.1326

■ 209.1840, 7.7973,
19.1326

■ 195.2270, 12.7061,
31.3729

■ 223.1410, 2.8885,
6.8923

■ 181.2700, 17.6149,
43.6132

■ 237.0980, -2.0203,
-5.3479

■ 167.3130, 22.5237,
55.8535

■ 245.7720, -4.3246,
-12.9550

■ 153.4700, 27.8693,
67.9938

■ 246.1140, -3.0142,
-13.2550

138.9260, 33.0675,
80.7489

246.5700, -1.2670,
-13.6549

124.9690, 37.9763,
92.9892

247.0260, 0.4802,
-14.0548

111.0120, 42.8851,
105.2295

247.4820, 2.2274,
-14.4547

97.0550, 47.7939,
117.4698

247.8240, 3.5378,
-14.7546

90.9570, 49.8142,
122.8177

Harmonies

Analogous

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



207.7240, 15.4191, 1.1191



209.1840, 7.7973, 19.1326



209.1440, -1.5500, 30.5687

Triad

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



209.1840, 7.7973, 19.1326



204.8650, -18.6674, 14.1504



198.3740, 12.6336, -38.9160

Complementary

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



209.1840, 7.7973, 19.1326



216.8160, -7.7973, -19.1326

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.



198.5890, 3.1606, -33.8426



209.1840, 7.7973, 19.1326



202.3790, -14.9768, -2.9634

Square

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



209.1840, 7.7973, 19.1326



206.8110, -16.6688, 26.4758



200.6310, -7.2131, -19.8474



200.9000, 18.2903, -33.2383

Rectangle

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



209.1840, 7.7973, 19.1326



208.8470, -7.8126, 32.5832



200.6310, -7.2131, -19.8474



198.5760, 9.5760, -38.2162

Sweetspot

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



209.1840, 7.7973, 19.1326



247.1410, 2.8885, 6.8923



200.8980, 14.8403, 0.0895



123.0760, 1.4415, 4.3183



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.



209.1840, 7.7973, 19.1326



225.9120, 10.3964, 25.5102



207.1320, -0.0651, 20.9322



107.7280, 2.5991, 6.3775



70.5070, 38.6970, 95.1484



20.0370, 10.8278, 27.1546

Inverse Universe

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



209.1840, 7.7973, 19.1326



225.9120, 10.3964, 25.5102



218.8680, 0.0651, -20.9322



107.7280, 2.5991, 6.3775



70.5070, 38.6970, 95.1484



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 209.1840, 7.7973, 19.1326 looks on a white background.

Color Contrast Check

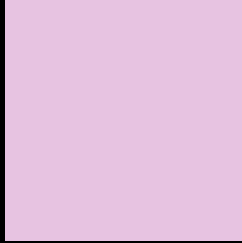
Large Text (above 18pt) WCAG AA × Fail

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 209.1840, 7.7973, 19.1326 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 209.1840, 7.7973, 19.1326

Background



This preview shows how black text looks on a background with the YUV color 209.1840, 7.7973, 19.1326.



This preview shows how white text looks on a background with the YUV color 209.1840, 7.7973,

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

209.1840, 7.7973, 19.1326

Protanopia

206.4800, 12.0884, -3.9290

Deuteranopia

207.8190, 7.9772, 8.0517



Tritanopia

208.3920, 2.2717, 18.0732

Trichromacy



Original Color

209.1840, 7.7973, 19.1326

Protanomaly

207.7800, 10.4615, 4.5779

Deuteranomaly

208.1400, 7.8190, 12.1552

Tritanomaly

208.5600, 4.1609, 18.8029

Monochromacy



Original Color

209.1840, 7.7973, 19.1326

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.1840, 7.7973, 19.1326 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(231, 195, 225)` looks like.

```
.text, #text, p{  
    color:rgb(231, 195, 225)  
}
```

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(231, 195, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 195, 225) }
```

Border

The CSS property to change the border of an element to YUV 209.1840, 7.7973, 19.1326 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(231, 195, 225) }
```


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

```
.border{ border-color:rgb(231, 195, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 195, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 195, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 195, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 195,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 209.1840, 7.7973, 19.1326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 195, 225) }
```

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

```
.background{ background-color: rgb(231,  
195, 225) }
```

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