

Converting Colors

YUV(209.6170, -19.0382,
39.8009)

Have a look what the booklet for
YUV(209.6170, -19.0382, 39.8009)
contains.

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Color

**YUV(209.6170, -19.0382,
39.8009)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFC2AB |
| RGB | 255, 194, 171 |
| RGB Percent | 100%, 76%, 67% |
| CMY | 0.0000, 0.2392, 0.3294 |
| CMYK | 0.00, 0.24, 0.33, 0.00 |
| HSL | 16°, 100%, 84% |
| HSV | 16°, 33%, 100% |
| XYZ | 67.8825, 62.7838, 47.0688 |
| YIQ | 209.6170, 43.7390, 5.7790 |

Conversions

Conversions Part 2

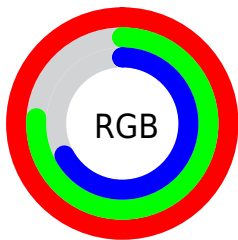
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 203, 171 |
| Decimal | 16761515 |
| CIELab | 83.33, 18.79, 20.03 |
| CIELCh | 83, 27.468, 46.827 |
| Yxy | 62.7838, 0.3819, 0.3532 |
| Android (android.graphics.Color) | 4294951595 (0xFFFFC2AB) |
| YUV | 209.6170, -19.0382, 39.8009 |
| Hunter-Lab | 79.2363, 14.2592, 20.2453 |

Details

The YUV color $209.6170, -19.0382, 39.8009$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.3830, 19.0382, -39.8009$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.3460, -11.5096, 4.9586$, and $154.6490, -17.5750, 37.1418$ is the 20% darker color. If you saturate the color by 10%, you get $195.6140, -24.4597, 52.0815$, and if you desaturate by 10%, it is $223.6200, -13.6167, 27.5203$.

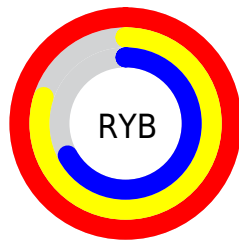
Distribution



Red (100%)

Green (76%)

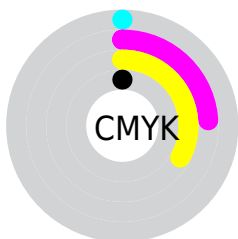
Blue (67%)



Red (100%)

Yellow (80%)

Blue (67%)

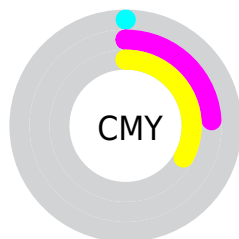


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 209.6170, -19.0382, 39.8009 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 209.6170, -19.0382, 39.8009 by changing the saturation by 10% instead.

 209.6170,
-19.0382, 39.8009


 209.6170,
-19.0382, 39.8009


255.0000, 0.0000,
0.0000


 182.0190,
-18.7434, 38.5713


 249.3460,
-11.5096, 4.9586

 154.6490,
-17.5750, 37.1418

 128.7520,
-17.1327, 35.2975

 102.9690,
-16.2537, 33.3532

 78.3000, -14.9379,
31.3089

 54.5170, -14.0589,
29.3646

 31.8650, -15.2164,

27.3054

■ 11.6610, -5.7489,
23.9763

■ 0.0000, 0.0000,
0.0000

■ 209.6170,
-19.0382, 39.8009

■ 209.6170,
-19.0382, 39.8009

■ 195.6140,
-24.4597, 52.0815

■ 223.6200,
-13.6167, 27.5203

■ 182.0840,
-30.6074, 63.9473

■ 237.1500, -7.4689,
15.6545

■ 168.0810,
-36.0289, 76.2280

■ 251.2670, -1.6106,
3.2738

■ 154.5510,
-42.1766, 88.0938

255.0000, 0.0000,
0.0000

■ 140.5480,
-47.5982, 100.3744

■ 127.0180,
-53.7459, 112.2402

■ 117.3350,
-57.8462, 120.7322

Harmonies

Analogous

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



209.3040, -7.5449, 40.0754



209.6170, -19.0382, 39.8009



207.4490, -24.3784, 25.9162

Triad

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



209.6170, -19.0382, 39.8009



198.0030, -1.4805, -38.5906



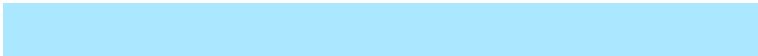
208.3080, 23.0192, -9.9171

Complementary

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



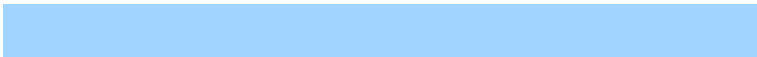
209.6170, -19.0382, 39.8009



216.3830, 19.0382, -39.8009

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.



202.2400, 26.0107, -36.1675



209.6170, -19.0382, 39.8009



195.9870, 12.8244, -53.4856

Square

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



209.6170, -19.0382, 39.8009



201.4050, -14.4967, -17.0182



197.3320, 23.0073, -52.9112



211.2250, 15.6651, 15.5887

Rectangle

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



209.6170, -19.0382, 39.8009



205.9590, -24.6298, 13.1910



197.3320, 23.0073, -52.9112



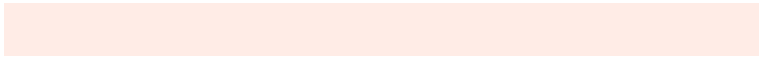
206.4810, 23.9199, -18.8388

Sweetspot

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



209.6170, -19.0382, 39.8009



240.9970, -5.4215, 12.2806



203.1840, 14.6993, 45.4426



119.1320, -3.5161, 7.7772



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.



209.6170, -19.0382, 39.8009



199.9340, -23.1385, 48.2929



233.6840, -30.9032, 18.6941



120.6480, -2.7845, 6.4477



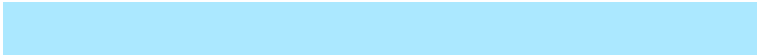
87.6330, -43.2031, 90.6529



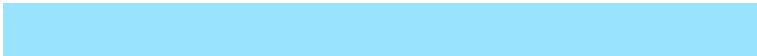
29.1150, -14.3537, 30.5941

Inverse Universe

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



216.3830, 19.0382, -39.8009



208.0660, 23.1385, -48.2929



192.3160, 30.9032, -18.6941



121.7650, 3.0739, -5.9329



103.3670, 43.2031, -90.6529



34.2980, 14.6431, -30.0793

Previews

White Background



This preview shows how the YUV color 209.6170, -19.0382, 39.8009 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 209.6170, -19.0382, 39.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

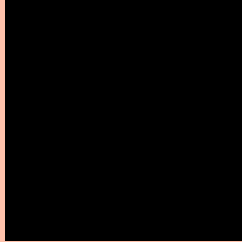
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.6170, -19.0382, 39.8009

Background



This preview shows how black text looks on a background with the YUV color 209.6170, -19.0382, 39.8009.



This preview shows how white text looks on a background with the YUV color 209.6170, -19.0382, 39.8009.

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

209.6170, -19.0382, 39.8009

Protanopia

207.2820, -14.4360, 10.2767

Deuteranopia

208.8390, -19.1476, 28.2052



Tritanopia

211.6180, -3.7557, 38.0460

Trichromacy



Original Color

209.6170, -19.0382, 39.8009

Protanomaly

207.8920, -16.2158, 21.1427

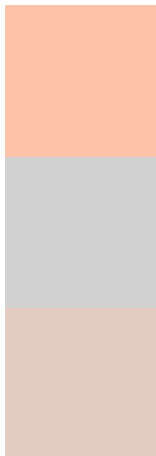
Deuteranomaly

209.1600, -19.3059, 32.3087

Tritanomaly

210.8370, -9.2866, 38.7310

Monochromacy



Original Color

209.6170, -19.0382, 39.8009

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.6660, -6.7373, 14.3249

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.6170, -19.0382, 39.8009 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(255, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 171)  
}
```

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(255, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 171) }
```

Border

The CSS property to change the border of an element to YUV 209.6170, -19.0382, 39.8009 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(255, 194, 171) }
```


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

```
.border{ border-color:rgb(255, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 209.6170, -19.0382, 39.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 171) }
```

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

```
.background{ background-color: rgb(255,  
194, 171) }
```

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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