

Converting Colors

YUV(189.3080, -0.1518,
48.8419)

Have a look what the booklet for
YUV(189.3080, -0.1518, 48.8419)
contains.

YUV(189.3080, -0.1518, 48.8419)	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(189.3080, -0.1518,
48.8419)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A1BD
RGB	245, 161, 189
RGB Percent	96%, 63%, 74%
CMY	0.0392, 0.3686, 0.2588
CMYK	0.00, 0.34, 0.23, 0.04
HSL	340°, 81%, 80%
HSV	340°, 34%, 96%
XYZ	59.5864, 48.5763, 54.3797
YIQ	189.3080, 41.0760, 26.5160

Conversions

Conversions Part 2

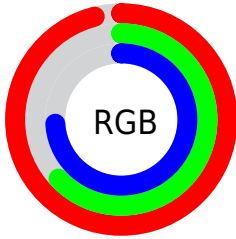
Format	Color
R _Y B	245, 161, 189
Decimal	16097725
CIE Lab	75.19, 34.88, -1.46
CIE LCh	75, 34.913, 357.602
Yxy	48.5763, 0.3666, 0.2989
Android (android.graphics.Color)	4294287805 (0xFFF5A1BD)
YUV	189.3080, -0.1518, 48.8419
Hunter-Lab	69.6967, 30.6371, 2.5277

Details

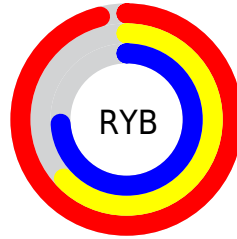
The YUV color $189.3080, -0.1518, 48.8419$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $216.6920, 0.1518, -48.8419$, and the grayscale version is $189.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.5540, 6.6289, 20.5621$, and $134.8130, 0.5852, 45.7680$ is the 20% darker color. If you saturate the color by 10%, you get $173.3960, -0.1952, 62.7967$, and if you desaturate by 10%, it is $205.8070, -0.3979, 34.3723$.

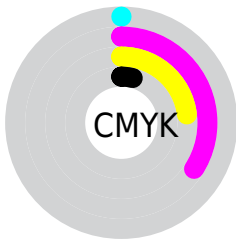
Distribution



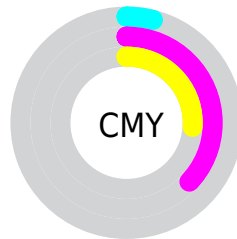
- Red (96%)
- Green (63%)
- Blue (74%)



- Red (96%)
- Yellow (63%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (23%)
- Black (4%)



- Cyan (4%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 189.3080, -0.1518, 48.8419 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 189.3080, -0.1518, 48.8419 by changing the saturation by 10% instead.


 189.3080, -0.1518,
48.8419


 189.3080, -0.1518,
48.8419

255.0000, 0.0000,
0.0000


 161.7100, 0.1430,
47.6123

 231.5540, 6.6289,
20.5621


 134.8130, 0.5852,
45.7680

 249.1300, 2.8939,
5.1480

 108.8020, 0.5906,
44.0236

 83.3180, 1.3222,
42.6941

 57.9480, 2.4906,
41.2646

 31.2300, 4.8166,
41.8943

 18.5400, 1.2128,

31.0984

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 189.3080, -0.1518,
48.8419

■ 189.3080, -0.1518,
48.8419

■ 173.3960, -0.1952,
62.7967

■ 205.8070, -0.3979,
34.3723

■ 156.7830, -0.3860,
77.3663

■ 221.8330, 0.0823,
20.3175

■ 140.2840, -0.1400,
91.8359

■ 238.3320, -0.1637,
5.8478

■ 124.3720, -0.1834,
105.7908

■ 251.8960, 1.0373,
-6.0478

■ 107.7590, -0.3742,
120.3604

■ 252.0100, 1.4741,
-6.1478

■ 91.8470, -0.4176,
134.3152

■ 82.6030, -0.2973,
142.4222

Harmonies

Analogous

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



190.0850, 14.7481, 29.7435



189.3080, -0.1518, 48.8419



187.7310, -15.1504, 52.8559

Triad

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



189.3080, -0.1518, 48.8419



179.8060, -26.0334, -3.3379



170.0940, 33.9707, -69.3654

Complementary

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



189.3080, -0.1518, 48.8419



216.6920, 0.1518, -48.8419

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.



165.3950, 23.9623, -79.2764



189.3080, -0.1518, 48.8419



175.4740, -12.5587, -31.9877

Square

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



189.3080, -0.1518, 48.8419



183.4180, -30.7721, 23.3124



169.9940, 5.4260, -60.5077



180.2920, 33.8730, -37.9671

Rectangle

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



189.3080, -0.1518, 48.8419



186.5210, -23.4279, 47.7781



169.9940, 5.4260, -60.5077



167.1810, 31.9558, -76.4577

Sweetspot

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



189.3080, -0.1518, 48.8419



238.3870, -0.1908, 14.5696



187.3200, 28.4362, 26.0294



117.3540, -0.1745, 9.3365



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.



189.3080, -0.1518, 48.8419



185.3850, -0.1898, 61.0524



194.3340, -16.4337, 44.4341



114.0440, -0.0217, 6.9774



62.6820, -0.3362, 108.1499



19.9210, 0.0389, 34.2723

Inverse Universe

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



189.3080, -0.1518, 48.8419



185.3850, -0.1898, 61.0524



211.6660, 16.4337, -44.4341



114.0440, -0.0217, 6.9774



62.6820, -0.3362, 108.1499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 189.3080, -0.1518, 48.8419 looks on a white background.

Color Contrast Check

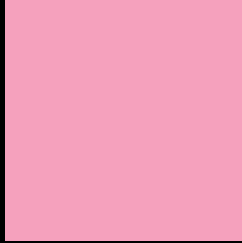
Large Text (above 18pt) WCAG AA × Fail

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 189.3080, -0.1518, 48.8419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

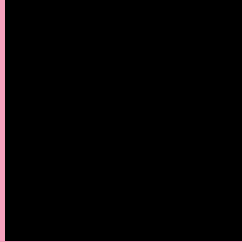
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.3080, -0.1518, 48.8419

Background



This preview shows how black text looks on a background with the YUV color 189.3080, -0.1518, 48.8419.



This preview shows how white text looks on a background with the YUV color 189.3080, -0.1518,

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

189.3080, -0.1518, 48.8419

Protanopia

186.1660, 8.2992, -1.8996

Deuteranopia

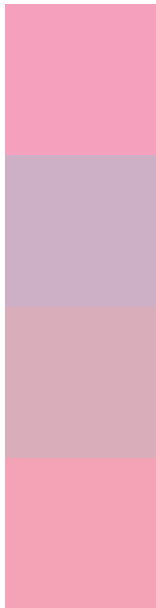
187.5610, -0.7696, 13.5400



Tritanopia

188.7010, -6.2616, 48.4972

Trichromacy



Original Color

189.3080, -0.1518, 48.8419

Protanomaly

187.4780, 5.1873, 16.2438

Deuteranomaly

188.0510, -0.5181, 26.2653

Tritanomaly

188.6840, -3.7882, 48.5121

Monochromacy



Original Color

189.3080, -0.1518, 48.8419

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.1100, -0.0542, 17.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3080, -0.1518, 48.8419 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(245, 161, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 161, 189)  
}
```

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(245, 161, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 161, 189) }
```

Border

The CSS property to change the border of an element to YUV 189.3080, -0.1518, 48.8419 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(245, 161, 189) }
```


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

```
.border{ border-color:rgb(245, 161, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 161, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 161, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 161, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 161,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 189.3080, -0.1518, 48.8419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 161, 189) }
```

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

```
.background{ background-color: rgb(245,  
161, 189) }
```

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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