

Converting Colors

YUV(189.8220, 3.5388, 31.7281)

Have a look what the booklet for
YUV(189.8220, 3.5388, 31.7281)
contains.

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Color

**YUV(189.8220, 3.5388,
31.7281)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AAC5
RGB	226, 170, 197
RGB Percent	89%, 67%, 77%
CMY	0.1137, 0.3333, 0.2275
CMYK	0.00, 0.25, 0.13, 0.11
HSL	331°, 49%, 78%
HSV	331°, 25%, 89%
XYZ	55.8168, 48.9494, 59.3296
YIQ	189.8220, 24.7090, 20.2690

Conversions

Conversions Part 2

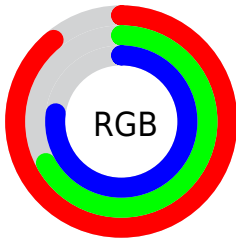
Format	Color
R _Y B	226, 170, 197
Decimal	14854853
CIE Lab	75.42, 24.66, -5.74
CIE LCh	75, 25.316, 346.906
Yxy	48.9494, 0.3401, 0.2983
Android (android.graphics.Color)	4293044933 (0xFFE2AAC5)
YUV	189.8220, 3.5388, 31.7281
Hunter-Lab	69.9639, 19.9696, -1.3035

Details

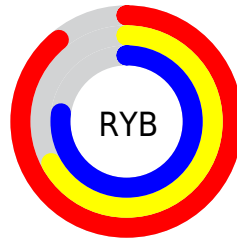
The YUV color **189.8220, 3.5388, 31.7281** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **206.1780, -3.5388, -31.7281**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.8630, 7.9555, 15.0291**, and **135.8110, 3.5442, 29.9838** is the 20% darker color. If you saturate the color by 10%, you get **174.9530, 4.9532, 44.7682**, and if you desaturate by 10%, it is **204.6910, 2.1243, 18.6880**.

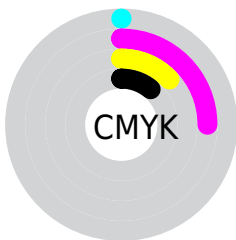
Distribution



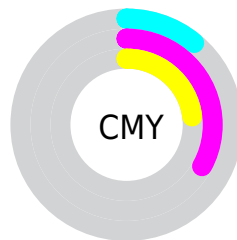
- Red (89%)
- Green (67%)
- Blue (77%)



- Red (89%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8220, 3.5388, 31.7281 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 189.8220, 3.5388, 31.7281 by changing the saturation by 10% instead.


 189.8220, 3.5388,
31.7281


 189.8220, 3.5388,
31.7281


255.0000, 0.0000,
0.0000


 162.5230, 3.6862,
31.1133

 237.8630, 7.9555,
15.0291


 135.8110, 3.5442,
29.9838

 254.4130, 0.2894,
0.5148

 110.2130, 3.8390,
28.7542

 85.5010, 3.6970,
27.6246

 61.4900, 3.7024,
25.8803

 38.3050, 4.2866,
25.1655

 16.1200, 4.8708,

24.4508

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 189.8220, 3.5388,
31.7281

■ 189.8220, 3.5388,
31.7281

■ 174.9530, 4.9532,
44.7682

■ 204.6910, 2.1243,
18.6880

■ 160.7850, 6.5150,
57.1936

■ 218.8590, 0.5625,
6.2627

■ 145.9160, 7.9294,
70.2337

■ 233.7280, -0.8519,
-6.7775

■ 131.6340, 9.0544,
82.7590

■ 245.0750, -0.5300,
-16.7288

■ 116.7650, 10.4689,
95.7991

■ 246.3290, 4.2748,
-17.8285

■ 102.0100, 12.3201,
108.7392

■ 87.7280, 13.4451,
121.2645

■ 80.0000, 14.2970,
128.0420

Harmonies

Analogous

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



189.1710, 14.2127, 14.7590



189.8220, 3.5388, 31.7281



188.8910, -7.8343, 39.5606

Triad

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



189.8220, 3.5388, 31.7281



182.9410, -20.6769, 5.3137



176.4960, 20.9545, -47.7930

Complementary

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



189.8220, 3.5388, 31.7281



206.1780, -3.5388, -31.7281

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.



175.2650, 11.2084, -48.4674



189.8220, 3.5388, 31.7281



180.6440, -13.6285, -15.4738

Square

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



189.8220, 3.5388, 31.7281



186.0080, -22.1889, 23.6720



177.0250, -1.4913, -35.1019



181.5070, 24.4000, -32.8936

Rectangle

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



189.8220, 3.5388, 31.7281



188.4580, -14.5228, 38.1863



177.0250, -1.4913, -35.1019



176.0890, 18.1971, -50.0671

Sweetspot

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



189.8220, 3.5388, 31.7281



243.4080, 1.2779, 10.1662



185.0550, 20.1859, 12.2298



120.8590, 0.5625, 6.2627



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.



189.8220, 3.5388, 31.7281



205.8280, 4.5218, 43.1238



187.3310, -8.5442, 33.9127



104.8590, 0.5625, 6.2627



62.3140, 11.1842, 99.7026



16.9740, 2.9708, 27.2098

Inverse Universe

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



189.8220, 3.5388, 31.7281



205.8280, 4.5218, 43.1238



208.6690, 8.5442, -33.9127



104.8590, 0.5625, 6.2627



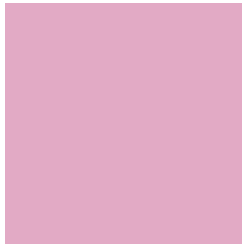
62.3140, 11.1842, 99.7026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 189.8220, 3.5388, 31.7281 looks on a white background.

Color Contrast Check

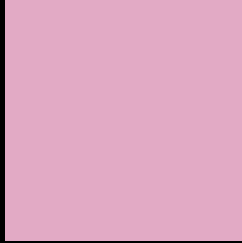
Large Text (above 18pt) WCAG AA × Fail

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 189.8220, 3.5388, 31.7281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

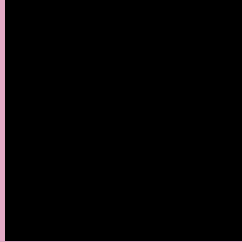
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8220, 3.5388, 31.7281

Background



This preview shows how black text looks on a background with the YUV color 189.8220, 3.5388, 31.7281.



This preview shows how white text looks on a background with the YUV color 189.8220, 3.5388,

31.7281.

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

189.8220, 3.5388, 31.7281

Protanopia

187.0950, 9.3202, -2.7143

Deuteranopia

188.2770, 3.3144, 10.2811



Tritanopia

189.3290, -2.1342, 31.2835

Trichromacy



Original Color

189.8220, 3.5388, 31.7281

Protanomaly

188.3030, 7.2456, 9.3813

Deuteranomaly

188.7340, 3.5821, 17.7733

Tritanomaly

189.1980, -0.0976, 31.3984

Monochromacy



Original Color

189.8220, 3.5388, 31.7281

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1200, 1.4198, 11.2958

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8220, 3.5388, 31.7281 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(226, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 197)  
}
```

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(226, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 197) }
```

Border

The CSS property to change the border of an element to YUV 189.8220, 3.5388, 31.7281 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(226, 170, 197) }
```


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

```
.border{ border-color:rgb(226, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(226, 170,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 189.8220, 3.5388, 31.7281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 170, 197) }
```

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

```
.background{ background-color: rgb(226,  
170, 197) }
```

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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