

Converting Colors

YUV(188.0430, 11.8108,
38.5503)

Have a look what the booklet for
YUV(188.0430, 11.8108, 38.5503)
contains.

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Color

**YUV(188.0430, 11.8108,
38.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A1D4
RGB	232, 161, 212
RGB Percent	91%, 63%, 83%
CMY	0.0902, 0.3686, 0.1686
CMYK	0.00, 0.31, 0.09, 0.09
HSL	317°, 61%, 77%
HSV	317°, 31%, 91%
XYZ	57.9072, 47.3990, 68.3842
YIQ	188.0430, 25.9450, 30.9130

Conversions

Conversions Part 2

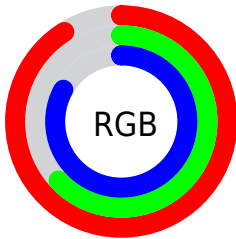
Format	Color
R _Y B	232, 161, 212
Decimal	15245780
CIE Lab	74.44, 34.03, -15.34
CIE LCh	74, 37.323, 335.737
Yxy	47.3990, 0.3334, 0.2729
Android (android.graphics.Color)	4293435860 (0xFFE8A1D4)
YUV	188.0430, 11.8108, 38.5503
Hunter-Lab	68.8469, 29.6544, -10.6987

Details

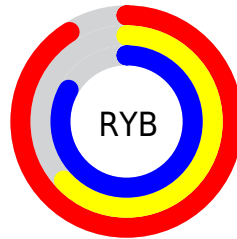
The YUV color **188.0430, 11.8108, 38.5503** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.9570, -11.8108, -38.5503**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6940, 10.9969, 19.5624**, and **133.6190, 11.5268, 36.2911** is the 20% darker color. If you saturate the color by 10%, you get **173.7440, 15.4092, 51.0905**, and if you desaturate by 10%, it is **202.3420, 8.2124, 26.0101**.

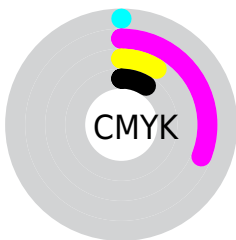
Distribution



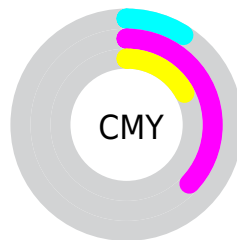
- Red (91%)
- Green (63%)
- Blue (83%)



- Red (91%)
- Yellow (63%)
- Blue (83%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.0430, 11.8108, 38.5503 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 188.0430, 11.8108, 38.5503 by changing the saturation by 10% instead.


 188.0430, 11.8108,
38.5503


 188.0430, 11.8108,
38.5503


255.0000, 0.0000,
0.0000


 160.3310, 11.6688,
37.4207


 232.6940, 10.9969,
19.5624


 133.6190, 11.5268,
36.2911

 249.1300, 2.8939,
5.1480

 107.9070, 11.3848,
35.1616

 82.8960, 11.3903,
33.4172

 58.0100, 11.8271,
33.3172

 32.6510, 12.9901,
33.6321

 18.2710, 9.2334,

25.1953

■ 6.9780, 3.4618,
9.6663

■ 0.0000, 0.0000,
0.0000

■ 188.0430, 11.8108,
38.5503

■ 188.0430, 11.8108,
38.5503

■ 173.7440, 15.4092,
51.0905

■ 202.3420, 8.2124,
26.0101

■ 159.5590, 19.4444,
63.5308

■ 216.5270, 4.1772,
13.5698

■ 144.6730, 23.3322,
76.5858

■ 231.4130, 0.2894,
0.5148

■ 130.4880, 27.3674,
89.0260

■ 245.5980, -3.7458,
-11.9254

■ 116.1890, 30.9658,
101.5662

■ 246.9830, -0.9776,
-13.1401

■ 102.0040, 35.0010,
114.0065

■ 247.6670, 1.6432,
-13.7400

■ 88.4060, 38.7468,
125.9319

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



186.8140, 25.7277, 8.0561



188.0430, 11.8108, 38.5503



186.9020, -4.3887, 54.4599

Triad

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



188.0430, 11.8108, 38.5503



180.2170, -32.6450, 17.3497



158.5550, 31.2784, -92.5717

Complementary

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



188.0430, 11.8108, 38.5503



204.9570, -11.8108, -38.5503

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.



163.4420, 12.6001, -74.9326



188.0430, 11.8108, 38.5503



176.3920, -24.8433, -11.7448

Square

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



188.0430, 11.8108, 38.5503



182.9410, -30.5369, 41.2707



170.5480, -8.1582, -43.4536



168.4190, 37.7544, -69.6505

Rectangle

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



188.0430, 11.8108, 38.5503



185.7530, -15.1612, 56.3446



170.5480, -8.1582, -43.4536



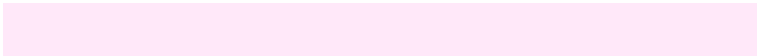
158.8990, 26.1788, -90.2424

Sweetspot

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



188.0430, 11.8108, 38.5503



240.8150, 4.0352, 12.4402



174.7750, 28.2119, 4.5823



118.7390, 2.5937, 8.1219



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.



188.0430, 11.8108, 38.5503



196.7440, 15.4092, 51.0905



184.1670, -3.0403, 41.9495



107.6140, 2.1623, 6.4775



68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544

Inverse Universe

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



188.0430, 11.8108, 38.5503



196.7440, 15.4092, 51.0905



208.8330, 3.0403, -41.9495



107.6140, 2.1623, 6.4775



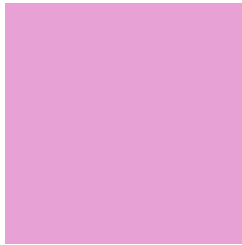
68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 188.0430, 11.8108, 38.5503 looks on a white background.

Color Contrast Check

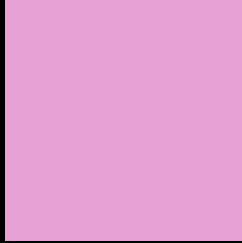
Large Text (above 18pt) WCAG AA × Fail

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 188.0430, 11.8108, 38.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

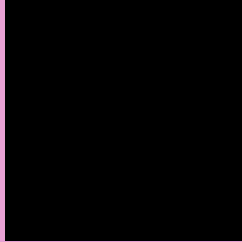
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.0430, 11.8108, 38.5503

Background



This preview shows how black text looks on a background with the YUV color 188.0430, 11.8108, 38.5503.



This preview shows how white text looks on a background with the YUV color 188.0430, 11.8108,

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

188.0430, 11.8108, 38.5503

Protanopia

184.3250, 20.5458, -9.9320

Deuteranopia

185.4100, 11.6299, 3.1484



Tritanopia

186.7210, -3.3135, 36.2017

Trichromacy



Original Color

188.0430, 11.8108, 38.5503



Protanomaly

185.3380, 17.5814, 7.5966



Deuteranomaly

186.1990, 11.7339, 16.4885



Tritanomaly

187.2140, 2.3595, 36.6463

Monochromacy



Original Color

188.0430, 11.8108, 38.5503



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9400, 4.4666, 14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0430, 11.8108, 38.5503 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(232, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 161, 212)  
}
```

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(232, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 161, 212) }
```

Border

The CSS property to change the border of an element to YUV 188.0430, 11.8108, 38.5503 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(232, 161, 212) }
```


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

```
.border{ border-color:rgb(232, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 161,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 188.0430, 11.8108, 38.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 161, 212) }
```

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

```
.background{ background-color: rgb(232,  
161, 212) }
```

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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