

Converting Colors

YUV(201.8890, 15.3377,
27.2843)

Have a look what the booklet for
YUV(201.8890, 15.3377, 27.2843)
contains.

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Color

**YUV(201.8890, 15.3377,
27.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B4E9
RGB	233, 180, 233
RGB Percent	91%, 71%, 91%
CMY	0.0863, 0.2941, 0.0863
CMYK	0.00, 0.23, 0.00, 0.09
HSL	300°, 55%, 81%
HSV	300°, 23%, 91%
XYZ	64.6335, 55.8493, 84.4642
YIQ	201.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

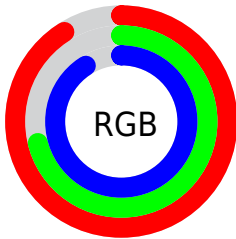
Format	Color
R _Y B	233, 180, 233
Decimal	15316201
CIE Lab	79.53, 27.93, -19.06
CIE LCh	80, 33.814, 325.683
Yxy	55.8493, 0.3154, 0.2725
Android (android.graphics.Color)	4293506281 (0xFFE9B4E9)
YUV	201.8890, 15.3377, 27.2843
Hunter-Lab	74.7324, 23.5968, -14.6982

Details

The YUV color **201.8890, 15.3377, 27.2843** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **211.1110, -15.3377, -27.2843**, and the grayscale version is **202.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8470, 5.4984, 9.7812**, and **147.6500, 14.4696, 25.7400** is the 20% darker color. If you saturate the color by 10%, you get **188.3880, 21.9937, 39.1247**, and if you desaturate by 10%, it is **215.3900, 8.6817, 15.4440**.

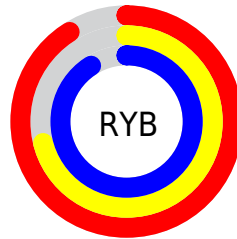
Distribution



Red (91%)

Green (71%)

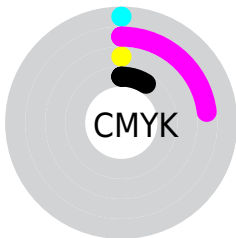
Blue (91%)



Red (91%)

Yellow (71%)

Blue (91%)

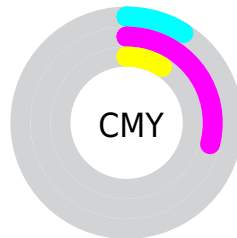


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (9%)


Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 201.8890, 15.3377, 27.2843 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 201.8890, 15.3377, 27.2843 by changing the saturation by 10% instead.


 201.8890, 15.3377,
27.2843


 201.8890, 15.3377,
27.2843


255.0000, 0.0000,
0.0000


 174.4760, 15.0483,
26.7695


 243.8470, 5.4984,
9.7812

 147.6500, 14.4696,
25.7400

 121.2370, 14.1802,
25.2252

 96.2260, 14.1856,
23.4808

 71.6990, 13.4594,
23.0660

 47.9870, 13.3174,
21.9364

 24.8020, 13.9016,

21.2216

■ 12.9170, 9.4079,
15.8588

■ 0.2280, 0.8736,
-0.2000

■ 201.8890, 15.3377,
27.2843

■ 201.8890, 15.3377,
27.2843

■ 188.3880, 21.9937,
39.1247

■ 215.3900, 8.6817,
15.4440

■ 174.3000, 28.9391,
51.4799

■ 229.4780, 1.7363,
3.0888

■ 160.7990, 35.5951,
63.3203

■ 242.9790, -4.9196,
-8.7516

■ 147.2980, 42.2511,
75.1607

■ 245.9140, -6.3666,
-11.3256

■ 133.7970, 48.9071,
87.0010

■ 119.7090, 55.8525,
99.3562

■ 106.2080, 62.5085,
111.1966

■ 96.2290, 67.4281,
119.9482

Harmonies

Analogous

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



199.3780, 26.9286, -3.8395



201.8890, 15.3377, 27.2843



201.5250, 0.7272, 46.8976

Triad

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



201.8890, 15.3377, 27.2843



195.8310, -30.4827, 23.8272



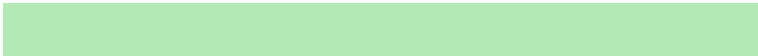
179.7440, 21.3252, -73.4435

Complementary

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



201.8890, 15.3377, 27.2843



211.1110, -15.3377, -27.2843

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.



182.9730, 3.9573, -56.1043



201.8890, 15.3377, 27.2843



192.2300, -25.7494, -1.0787

Square

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



201.8890, 15.3377, 27.2843



198.2170, -25.7430, 43.6597



188.2570, -13.4377, -30.0434



183.8340, 31.6338, -66.5064

Rectangle

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



201.8890, 15.3377, 27.2843



199.0170, -8.8824, 49.0971



188.2570, -13.4377, -30.0434



179.8000, 16.3676, -69.9846

Sweetspot

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



201.8890, 15.3377, 27.2843



244.4340, 5.2090, 9.2664



186.0420, 23.1503, -5.2988



121.5430, 3.1833, 5.6628



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.



201.8890, 15.3377, 27.2843



214.4970, 19.9680, 35.5211



198.9250, 3.9810, 29.8838



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

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



201.8890, 15.3377, 27.2843



214.4970, 19.9680, 35.5211



214.1890, -3.5442, -29.9838



110.5430, 3.1833, 5.6628



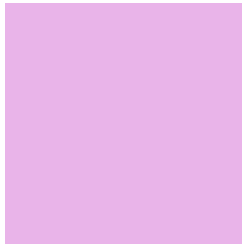
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 201.8890, 15.3377, 27.2843 looks on a white background.

Color Contrast Check

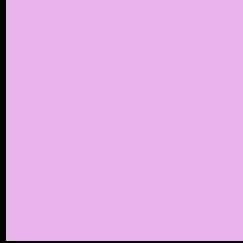
Large Text (above 18pt) WCAG AA × Fail

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 201.8890, 15.3377, 27.2843 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 201.8890, 15.3377, 27.2843

Background



This preview shows how black text looks on a background with the YUV color 201.8890, 15.3377, 27.2843.



This preview shows how white text looks on a background with the YUV color 201.8890, 15.3377,

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

201.8890, 15.3377, 27.2843

Protanopia

197.8950, 22.7298, -10.4319

Deuteranopia

199.4250, 15.5665, 0.5043



Tritanopia

200.1540, -0.0759, 24.4209

Trichromacy



Original Color

201.8890, 15.3377, 27.2843



Protanomaly

199.5870, 19.9236, 2.9932



Deuteranomaly

200.1920, 15.6813, 10.3556



Tritanomaly

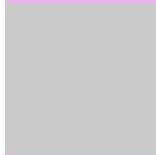
200.9460, 5.4496, 25.4804

Monochromacy



Original Color

201.8890, 15.3377, 27.2843



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.8890, 15.3377, 27.2843 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(233, 180, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 233)  
}
```

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(233, 180, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 233) }
```

Border

The CSS property to change the border of an element to YUV 201.8890, 15.3377, 27.2843 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(233, 180, 233) }
```


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

```
.border{ border-color:rgb(233, 180, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 180, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 201.8890, 15.3377, 27.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 233) }
```

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

```
.background{ background-color: rgb(233,  
180, 233) }
```

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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