

Converting Colors

YUV(197.8890, 15.3377,
27.2843)

Have a look what the booklet for
YUV(197.8890, 15.3377, 27.2843)
contains.

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Color

**YUV(197.8890, 15.3377,
27.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B0E5
RGB	229, 176, 229
RGB Percent	90%, 69%, 90%
CMY	0.1020, 0.3098, 0.1020
CMYK	0.00, 0.23, 0.00, 0.10
HSL	300°, 50%, 79%
HSV	300°, 23%, 90%
XYZ	61.9813, 53.3658, 81.1626
YIQ	197.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

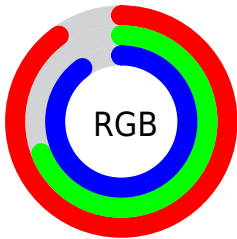
Format	Color
R _Y B	229, 176, 229
Decimal	15053029
CIE Lab	78.09, 28.03, -19.12
CIE LCh	78, 33.924, 325.703
Yxy	53.3658, 0.3154, 0.2716
Android (android.graphics.Color)	4293243109 (0xFFE5B0E5)
YUV	197.8890, 15.3377, 27.2843
Hunter-Lab	73.0519, 23.6084, -14.7364

Details

The YUV color **197.8890, 15.3377, 27.2843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207.1110, -15.3377, -27.2843**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **143.6500, 14.4695, 25.7399** is the 20% darker color. If you saturate the color by 10%, you get **184.3880, 21.9937, 39.1247**, and if you desaturate by 10%, it is **211.3900, 8.6817, 15.4440**.

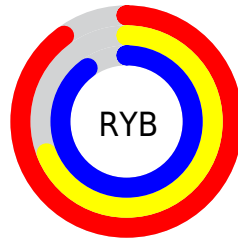
Distribution



Red (90%)

Green (69%)

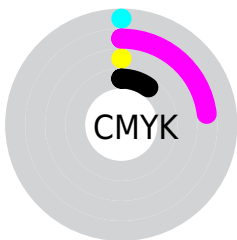
Blue (90%)



Red (90%)

Yellow (69%)

Blue (90%)

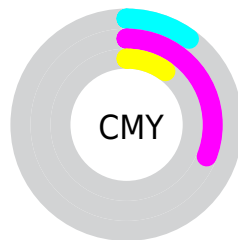


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (10%)


Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 197.8890, 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 197.8890, 15.3377, 27.2843 by changing the saturation by 10% instead.

 197.8890, 15.3377,
27.2843


 197.8890, 15.3377,
27.2843


255.0000, 0.0000,
0.0000

 170.4760, 15.0483,
26.7695


 241.4990, 6.6560,
11.8404

 143.6500, 14.4695,
25.7399

 117.9380, 14.3276,
24.6104

 92.5250, 14.0382,
24.0956

 68.4000, 13.6068,
22.4512

 44.9870, 13.3174,
21.9364

 21.6880, 13.4648,

21.3216

■ 11.0800, 8.8346,
13.0848

■ 0.0000, 0.0000,
0.0000

■ 197.8890, 15.3377,
27.2843

■ 197.8890, 15.3377,
27.2843

■ 184.3880, 21.9937,
39.1247

■ 211.3900, 8.6817,
15.4440

■ 170.8870, 28.6497,
50.9651

■ 224.8910, 2.0257,
3.6036

■ 157.3860, 35.3057,
62.8055

■ 238.3920, -4.6303,
-8.2368

■ 143.8850, 41.9617,
74.6459

■ 244.2620, -7.5242,
-13.3848

■ 130.3840, 48.6177,
86.4862

■ 117.4700, 54.9843,
97.8118

■ 103.9690, 61.6403,
109.6522

■ 94.5770, 66.2705,
117.8890

Harmonies

Analogous

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



195.3780, 26.9286, -3.8395



197.8890, 15.3377, 27.2843



197.5250, 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.



197.8890, 15.3377, 27.2843



191.8310, -30.4827, 23.8272



175.1460, 21.6200, -74.6730

Complementary

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



197.8890, 15.3377, 27.2843



207.1110, -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.



178.6740, 4.1047, -56.7191



197.8890, 15.3377, 27.2843



188.2300, -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.



197.8890, 15.3377, 27.2843



194.2170, -25.7430, 43.6597



184.2570, -13.4377, -30.0434



179.5350, 31.7812, -67.1212

Rectangle

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



197.8890, 15.3377, 27.2843



196.3270, -9.0352, 51.4562



184.2570, -13.4377, -30.0434



175.5010, 16.5150, -70.5994

Sweetspot

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



197.8890, 15.3377, 27.2843



244.4340, 5.2090, 9.2664



182.0420, 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.



197.8890, 15.3377, 27.2843



213.3230, 20.5468, 36.5507



194.9250, 3.9810, 29.8838



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Inverse Universe

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



197.8890, 15.3377, 27.2843



213.3230, 20.5468, 36.5507



210.1890, -3.5442, -29.9838



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 197.8890, 15.3377, 27.2843 looks on a white background.

Color Contrast Check

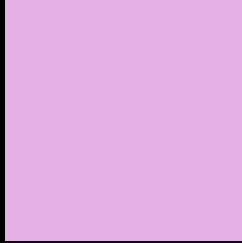
Large Text (above 18pt) WCAG AA × Fail

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 197.8890, 15.3377, 27.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

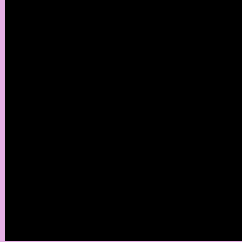
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.8890, 15.3377, 27.2843

Background



This preview shows how black text looks on a background with the YUV color 197.8890, 15.3377, 27.2843.



This preview shows how white text looks on a background with the YUV color 197.8890, 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

197.8890, 15.3377, 27.2843

Protanopia

193.8950, 22.7298, -10.4319

Deuteranopia

195.4250, 15.5665, 0.5043



Tritanopia

196.1540, -0.0759, 24.4209

Trichromacy



Original Color

197.8890, 15.3377, 27.2843



Protanomaly

195.5870, 19.9236, 2.9932



Deuteranomaly

196.1920, 15.6813, 10.3556



Tritanomaly

196.9460, 5.4496, 25.4804

Monochromacy



Original Color

197.8890, 15.3377, 27.2843



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.8890, 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(229, 176, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 176, 229)  
}
```

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(229, 176, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 176, 229) }
```

Border

The CSS property to change the border of an element to YUV 197.8890, 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(229, 176, 229) }
```


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

```
.border{ border-color:rgb(229, 176, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 176, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 176, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 176, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 176,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 197.8890, 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(229, 176, 229) }
```

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

```
.background{ background-color: rgb(229,  
176, 229) }
```

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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