

Converting Colors

YUV(192.6890, 11.9853,
29.2137)

Have a look what the booklet for
YUV(192.6890, 11.9853, 29.2137)
contains.

YUV(192.6890, 11.9853, 29.2137)	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(192.6890, 11.9853,
29.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ABD9
RGB	226, 171, 217
RGB Percent	89%, 67%, 85%
CMY	0.1137, 0.3294, 0.1490
CMYK	0.00, 0.24, 0.04, 0.11
HSL	310°, 49%, 78%
HSV	310°, 24%, 89%
XYZ	58.4513, 50.3043, 72.2746
YIQ	192.6890, 18.0140, 25.9660

Conversions

Conversions Part 2

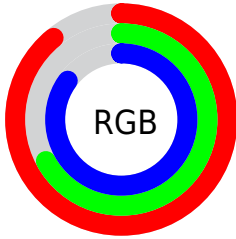
Format	Color
R_{YB}	226, 171, 217
Decimal	14855129
CIE _{Lab}	76.26, 27.54, -15.40
CIE _{LCh}	76, 31.556, 330.785
Yxy	50.3043, 0.3229, 0.2779
Android (android.graphics.Color)	4293045209 (0xFFE2ABD9)
YUV	192.6890, 11.9853, 29.2137
Hunter-Lab	70.9255, 22.9861, -10.7699

Details

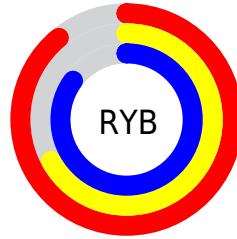
The YUV color **192.6890, 11.9853, 29.2137** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.3110, -11.9853, -29.2137**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5640, 8.1029, 14.4144**, and **138.5640, 11.5539, 27.5694** is the 20% darker color. If you saturate the color by 10%, you get **178.7320, 16.8941, 41.4540**, and if you desaturate by 10%, it is **206.6460, 7.0765, 16.9735**.

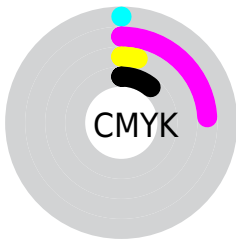
Distribution



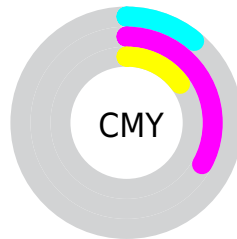
- Red (89%)
- Green (67%)
- Blue (85%)



- Red (89%)
- Yellow (67%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 192.6890, 11.9853, 29.2137 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 192.6890, 11.9853, 29.2137 by changing the saturation by 10% instead.


 192.6890, 11.9853,
29.2137


 192.6890, 11.9853,
29.2137


255.0000, 0.0000,
0.0000


 165.2760, 11.6959,
28.6989


 238.5640, 8.1029,
14.4144

 138.5640, 11.5539,
27.5694

 112.8520, 11.4120,
26.4398

 88.0260, 10.8332,
25.4102

 63.7270, 10.9806,
24.7954

 40.7160, 10.9860,
23.0511

 17.8300, 11.4228,

22.9511

■ 7.6620, 6.0826,
9.0664

■ 0.0000, 0.0000,
0.0000

■ 192.6890, 11.9853,
29.2137

■ 192.6890, 11.9853,
29.2137

■ 178.7320, 16.8941,
41.4540

■ 206.6460, 7.0765,
16.9735

■ 165.4760, 21.9503,
53.0795

■ 219.9020, 2.0203,
5.3479

■ 151.5190, 26.8591,
65.3198

■ 233.8590, -2.8885,
-6.8923

■ 138.1490, 31.4785,
77.0453

■ 243.7070, -5.7716,
-15.5290

124.3060, 36.8241,
89.1856

244.0490, -4.4612,
-15.8290

110.3490, 41.7329,
101.4259

244.5050, -2.7140,
-16.2289

96.9790, 46.3524,
113.1514

244.9610, -0.9668,
-16.6288

89.1200, 49.2408,
120.0438

245.4170, 0.7804,
-17.0287

245.7590, 2.0908,
-17.3286

Harmonies

Analogous

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



190.4990, 23.4180, 2.1934



192.6890, 11.9853, 29.2137



191.8300, -1.8882, 45.7531

Triad

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



192.6890, 11.9853, 29.2137



186.1940, -27.7036, 19.1239



172.3040, 22.0351, -67.7956

Complementary

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



192.6890, 11.9853, 29.2137



204.3110, -11.9853, -29.2137

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.



174.3690, 6.7201, -55.5746



192.6890, 11.9853, 29.2137



183.0060, -22.6810, -5.2673

Square

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



192.6890, 11.9853, 29.2137



188.9990, -25.1425, 37.7119



178.8700, -9.7959, -31.4580



177.4330, 29.8595, -57.3847

Rectangle

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



192.6890, 11.9853, 29.2137



191.1480, -10.9190, 48.9822



178.8700, -9.7959, -31.4580



172.7620, 17.3723, -65.5663

Sweetspot

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



192.6890, 11.9853, 29.2137



244.0920, 3.8986, 9.5663



179.6620, 22.8446, -0.5806



121.3150, 2.3097, 5.8627



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.



192.6890, 11.9853, 29.2137



210.1940, 16.1734, 39.2949



189.6110, 0.1918, 31.9132



105.3150, 2.3097, 5.8627



69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Inverse Universe

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



192.6890, 11.9853, 29.2137



210.1940, 16.1734, 39.2949



207.3890, -0.1918, -31.9132



105.3150, 2.3097, 5.8627



69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 192.6890, 11.9853, 29.2137 looks on a white background.

Color Contrast Check

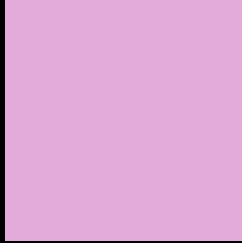
Large Text (above 18pt) WCAG AA × Fail

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 192.6890, 11.9853, 29.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

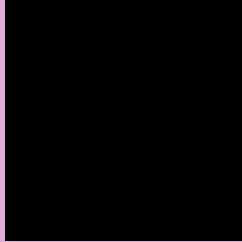
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.6890, 11.9853, 29.2137

Background



This preview shows how black text looks on a background with the YUV color 192.6890, 11.9853, 29.2137.



This preview shows how white text looks on a background with the YUV color 192.6890, 11.9853,

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

192.6890, 11.9853, 29.2137

Protanopia

189.1680, 18.6512, -8.9173

Deuteranopia

190.5240, 12.0667, 3.0485



Tritanopia

191.3500, -0.6655, 26.8801

Trichromacy



Original Color

192.6890, 11.9853, 29.2137

Protanomaly

190.2730, 16.1344, 5.0226

Deuteranomaly

191.2910, 12.1815, 12.8998

Tritanomaly

191.6150, 4.1338, 27.5246

Monochromacy



Original Color

192.6890, 11.9853, 29.2137

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.9180, 4.4774, 10.5959

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.6890, 11.9853, 29.2137 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, 171, 217)` looks like.

```
.text, #text, p{  
    color:rgb(226, 171, 217)  
}
```

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, 171, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 171, 217) }
```

Border

The CSS property to change the border of an element to YUV 192.6890, 11.9853, 29.2137 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, 171, 217) }
```


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

```
.border{ border-color:rgb(226, 171, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 171, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 171, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 171, 217);  
box-shadow:4px 4px 4px 4px rgb(226, 171,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 192.6890, 11.9853, 29.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 171, 217) }
```

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

```
.background{ background-color: rgb(226,  
171, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor