

Converting Colors

YUV(161.2890, 5.2805, 33.0725)

Have a look what the booklet for
YUV(161.2890, 5.2805, 33.0725)
contains.

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Color

**YUV(161.2890, 5.2805,
33.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	C78CAC
RGB	199, 140, 172
RGB Percent	78%, 55%, 67%
CMY	0.2196, 0.4510, 0.3255
CMYK	0.00, 0.30, 0.14, 0.22
HSL	327°, 35%, 66%
HSV	327°, 30%, 78%
XYZ	40.3777, 33.8768, 43.4405
YIQ	161.2890, 24.8920, 22.4600

Conversions

Conversions Part 2

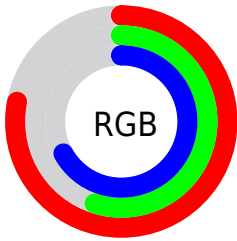
Format	Color
R _Y B	199, 140, 172
Decimal	13077676
CIE Lab	64.86, 27.32, -7.81
CIE LCh	65, 28.410, 344.040
Yxy	33.8768, 0.3431, 0.2878
Android (android.graphics.Color)	4291267756 (0xFFC78CAC)
YUV	161.2890, 5.2805, 33.0725
Hunter-Lab	58.2038, 21.9739, -3.5085

Details

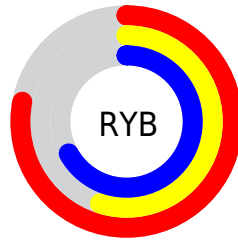
The YUV color **161.2890, 5.2805, 33.0725** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.7110, -5.2805, -33.0725**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.0010, 5.4225, 34.2021**, and **108.9790, 5.4334, 30.7134** is the 20% darker color. If you saturate the color by 10%, you get **148.5230, 7.1372, 44.2683**, and if you desaturate by 10%, it is **174.0550, 3.4239, 21.8768**.

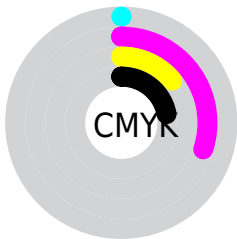
Distribution



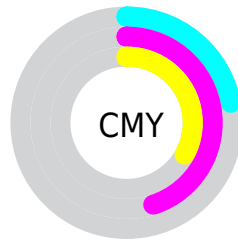
- Red (78%)
- Green (55%)
- Blue (67%)



- Red (78%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (22%)




- Cyan (22%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.2890, 5.2805, 33.0725 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 161.2890, 5.2805, 33.0725 by changing the saturation by 10% instead.


 161.2890, 5.2805,
33.0725


 161.2890, 5.2805,
33.0725

255.0000, 0.0000,
0.0000


 134.5770, 5.1385,
31.9430


 216.0010, 5.4225,
34.2021


 108.9790, 5.4334,
30.7134

 235.6290, 9.5499,
16.9884

 84.2670, 5.2914,
29.5838

 252.6520, 1.1576,
2.0592

 60.2560, 5.2968,
27.8395

 36.4840, 6.1704,
27.6395

 16.6470, 5.5970,
24.8656

 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 161.2890, 5.2805,
33.0725

■ 161.2890, 5.2805,
33.0725

■ 148.5230, 7.1372,
44.2683

■ 174.0550, 3.4239,
21.8768

■ 135.7570, 8.9938,
55.4641

■ 186.8210, 1.5672,
10.6810

■ 122.9910, 10.8504,
66.6599

■ 199.5870, -0.2894,
-0.5148

■ 110.2250, 12.7071,
77.8557

■ 212.3530, -2.1460,
-11.7106

■ 97.9320, 13.8375,
88.6366

■ 225.2330, -3.5659,
-23.0063

■ 85.1660, 15.6942,
99.8324

■ 235.0640, -3.9756,
-31.6281

■ 72.4000, 17.5508,
111.0282

■ 236.0900, -0.0444,
-32.5279

■ 71.8130, 17.8402,
111.5430

■ 237.1160, 3.8868,
-33.4277

■ 238.1420, 7.8180,
-34.3275

Harmonies

Analogous

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



161.0290, 16.2547, 13.1296



161.2890, 5.2805, 33.0725



160.4290, -7.1135, 41.7198

Triad

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



161.2890, 5.2805, 33.0725



154.9690, -23.1557, 7.0432



144.4130, 23.4604, -58.2442

Complementary

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



161.2890, 5.2805, 33.0725



177.7110, -5.2805, -33.0725

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.



143.8620, 12.3930, -55.1300



161.2890, 5.2805, 33.0725



151.4870, -15.5231, -14.4591

Square

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



161.2890, 5.2805, 33.0725



156.9760, -23.6522, 26.3310



147.4870, -2.2121, -37.2611



150.8480, 27.1899, -41.0857

Rectangle

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



161.2890, 5.2805, 33.0725



159.4800, -14.5336, 41.6750



147.4870, -2.2121, -37.2611



143.3050, 20.5556, -59.9035

Sweetspot

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



161.2890, 5.2805, 33.0725



240.2450, 1.8512, 12.9401



154.7990, 21.7911, 10.7003



118.3970, 1.2833, 8.4218



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.



161.2890, 5.2805, 33.0725



196.2080, 8.2785, 51.5606



157.9830, -7.3866, 35.9719



93.2610, 0.8573, 5.0331



58.8830, 14.8477, 91.3106



12.9300, 2.9925, 20.2324

Inverse Universe

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



161.2890, 5.2805, 33.0725



196.2080, 8.2785, 51.5606



181.0170, 7.3866, -35.9719



93.2610, 0.8573, 5.0331



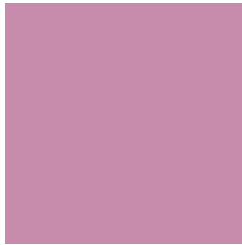
58.8830, 14.8477, 91.3106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 161.2890, 5.2805, 33.0725 looks on a white background.

Color Contrast Check

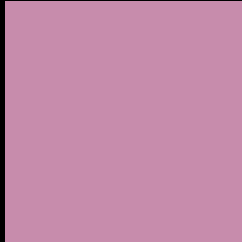
Large Text (above 18pt) WCAG AA × Fail

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 161.2890, 5.2805, 33.0725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

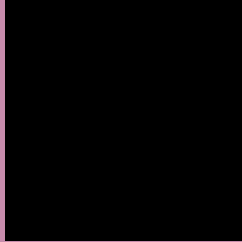
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.2890, 5.2805, 33.0725

Background



This preview shows how black text looks on a background with the YUV color 161.2890, 5.2805, 33.0725.



This preview shows how white text looks on a background with the YUV color 161.2890, 5.2805,

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

161.2890, 5.2805, 33.0725

Protanopia

158.0670, 11.7990, -4.4438

Deuteranopia

159.4230, 5.2145, 7.5220



Tritanopia

160.4000, -3.1552, 32.0982

Trichromacy



Original Color

161.2890, 5.2805, 33.0725

Protanomaly

159.1720, 9.2822, 9.4962

Deuteranomaly

159.8910, 5.4767, 16.7586

Tritanomaly

160.9100, 0.0444, 32.5279

Monochromacy



Original Color

161.2890, 5.2805, 33.0725

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.9460, 1.9986, 12.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.2890, 5.2805, 33.0725 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(199, 140, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 140, 172)  
}
```

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(199, 140, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 140, 172) }
```

Border

The CSS property to change the border of an element to YUV 161.2890, 5.2805, 33.0725 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(199, 140, 172) }
```


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

```
.border{ border-color:rgb(199, 140, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 140, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 140, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 140, 172); box-shadow:4px 4px 4px 4px rgb(199, 140, 172) }
```

Background

The CSS property to change the background color of an element to YUV 161.2890, 5.2805, 33.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 140, 172) }
```

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

```
.background{ background-color: rgb(199,  
140, 172) }
```

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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