

Converting Colors

YUV(167.8890, 22.2397,
53.5943)

Have a look what the booklet for
YUV(167.8890, 22.2397, 53.5943)
contains.

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Color

**YUV(167.8890, 22.2397,
53.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	E580D5
RGB	229, 128, 213
RGB Percent	90%, 50%, 84%
CMY	0.1020, 0.4980, 0.1647
CMYK	0.00, 0.44, 0.07, 0.10
HSL	310°, 66%, 70%
HSV	310°, 44%, 90%
XYZ	52.0425, 36.9005, 67.3303
YIQ	167.8890, 32.9110, 47.8470

Conversions

Conversions Part 2

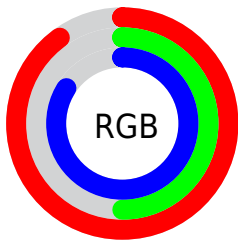
Format	Color
RYB	229, 128, 213
Decimal	15040725
CIELab	67.20, 50.42, -26.94
CIELCh	67, 57.165, 331.885
Yxy	36.9005, 0.3330, 0.2361
Android (android.graphics.Color)	4293230805 (0xFFE580D5)
YUV	167.8890, 22.2397, 53.5943
Hunter-Lab	60.7457, 46.6207, -23.1948

Details

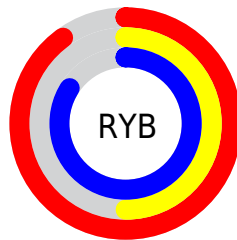
The YUV color **167.8890, 22.2397, 53.5943** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **189.1110, -22.2397, -53.5943**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **113.4650, 21.9558, 51.3352** is the 20% darker color. If you saturate the color by 10%, you get **153.9320, 27.1485, 65.8346**, and if you desaturate by 10%, it is **181.8460, 17.3309, 41.3541**.

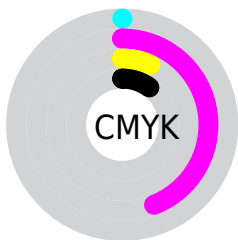
Distribution



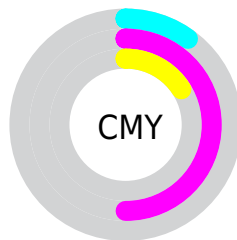
- Red (90%)
- Green (50%)
- Blue (84%)



- Red (90%)
- Yellow (50%)
- Blue (84%)



- Cyan (0%)
- Magenta (44%)
- Yellow (7%)
- Black (10%)





- Cyan (10%)
- Magenta (50%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.8890, 22.2397, 53.5943 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 167.8890, 22.2397, 53.5943 by changing the saturation by 10% instead.


 167.8890, 22.2397,
53.5943


 167.8890, 22.2397,
53.5943


255.0000, 0.0000,
0.0000

 140.1770, 22.0977,
52.4648


 212.7360, 20.8362,
37.0655


 113.4650, 21.9558,
51.3352


 229.7590, 12.4438,
22.1364

 86.2800, 22.5400,
50.6204

 246.7820, 4.0515,
7.2072

 56.4590, 24.4237,
53.0945

 36.2580, 22.5508,
47.1317

 25.7480, 15.9002,
33.5470

 16.4770, 10.1178,

21.5067

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 167.8890, 22.2397,
53.5943

■ 167.8890, 22.2397,
53.5943

■ 153.9320, 27.1485,
65.8346

■ 181.8460, 17.3309,
41.3541

■ 140.0890, 32.4941,
77.9749

■ 195.6890, 11.9853,
29.2137

■ 126.1320, 37.4029,
90.2152

■ 209.6460, 7.0765,
16.9735

■ 112.1750, 42.3117,
102.4555

■ 223.6030, 2.1677,
4.7332

98.3320, 47.6573,
114.5958

237.4460, -3.1779,
-7.4071

90.4730, 50.5458,
121.4882

244.9460, -4.9034,
-13.9846

245.2880, -3.5930,
-14.2846

245.7440, -1.8458,
-14.6845

246.2000, -0.0986,
-15.0844

Harmonies

Analogous

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



166.9070, 41.4578, 2.7126



167.8890, 22.2397, 53.5943



163.3920, -0.6863, 80.3402

Triad

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



167.8890, 22.2397, 53.5943



157.7610, -51.1542, 27.3966



135.0940, 40.3797, -118.4774

Complementary

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



167.8890, 22.2397, 53.5943



189.1110, -22.2397, -53.5943

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.



129.7530, 17.3768, -113.7934



167.8890, 22.2397, 53.5943



152.0700, -39.9675, -14.0934

Square

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



167.8890, 22.2397, 53.5943



160.9190, -43.8371, 60.5840



139.7160, -13.1710, -69.0339



135.2030, 58.5669, -118.5730

Rectangle

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



167.8890, 22.2397, 53.5943



161.2770, -16.4056, 82.1951



139.7160, -13.1710, -69.0339



133.7430, 32.6647, -117.2926

Sweetspot

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



167.8890, 22.2397, 53.5943



235.0590, 7.3659, 17.4883



143.9990, 41.9055, -0.8761



115.2170, 4.3300, 11.2107



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.



167.8890, 22.2397, 53.5943



173.3610, 29.8950, 71.5974



162.1890, 0.3998, 58.5932



107.7280, 2.5991, 6.3775



70.6210, 39.1338, 95.0484



20.1510, 11.2646, 27.0546

Inverse Universe

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



167.8890, 22.2397, 53.5943



173.3610, 29.8950, 71.5974



194.8110, -0.3998, -58.5932



107.7280, 2.5991, 6.3775



70.6210, 39.1338, 95.0484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 167.8890, 22.2397, 53.5943 looks on a white background.

Color Contrast Check

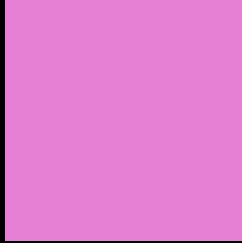
Large Text (above 18pt) WCAG AA × Fail

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 167.8890, 22.2397, 53.5943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

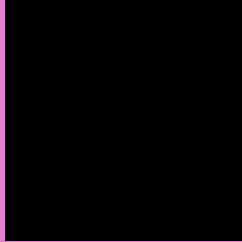
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.8890, 22.2397, 53.5943

Background



This preview shows how black text looks on a background with the YUV color 167.8890, 22.2397, 53.5943.



This preview shows how white text looks on a background with the YUV color 167.8890, 22.2397, 53.5943.

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

167.8890, 22.2397, 53.5943

Protanopia

163.3140, 37.3132, -21.3234

Deuteranopia

165.0480, 20.6823, -7.0581



Tritanopia

166.4730, -7.1352, 48.6972

Trichromacy



Original Color

167.8890, 22.2397, 53.5943



Protanomaly

165.1110, 31.9903, 6.0417



Deuteranomaly

166.0060, 21.1960, 14.9037



Tritanomaly

166.9430, 3.4791, 50.9160

Monochromacy



Original Color

167.8890, 22.2397, 53.5943



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.5970, 8.0867, 19.6474

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8890, 22.2397, 53.5943 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, 128, 213)` looks like.

```
.text, #text, p{  
    color:rgb(229, 128, 213)  
}
```

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, 128, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 128, 213) }
```

Border

The CSS property to change the border of an element to YUV 167.8890, 22.2397, 53.5943 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, 128, 213) }
```


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

```
.border{ border-color:rgb(229, 128, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 128, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 128, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 128, 213);  
box-shadow:4px 4px 4px 4px rgb(229, 128,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 167.8890, 22.2397, 53.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 128, 213) }
```

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

```
.background{ background-color: rgb(229,  
128, 213) }
```

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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