

Converting Colors

YUV(130.8870, 35.5517,
77.2751)

Have a look what the booklet for
YUV(130.8870, 35.5517, 77.2751)
contains.

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Color

**YUV(130.8870, 35.5517,
77.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	DB48CB
RGB	219, 72, 203
RGB Percent	86%, 28%, 80%
CMY	0.1412, 0.7176, 0.2039
CMYK	0.00, 0.67, 0.07, 0.14
HSL	307°, 67%, 57%
HSV	307°, 67%, 86%
XYZ	42.3103, 24.0066, 58.9037
YIQ	130.8870, 45.5610, 71.9050

Conversions

Conversions Part 2

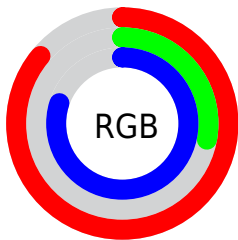
Format	Color
R _Y B	219, 72, 203
Decimal	14371019
CIE Lab	56.09, 71.02, -38.66
CIE LCh	56, 80.864, 331.437
Yxy	24.0066, 0.3379, 0.1917
Android (android.graphics.Color)	4292561099 (0xFFDB48CB)
YUV	130.8870, 35.5517, 77.2751
Hunter-Lab	48.9965, 68.3973, -36.9809

Details

The YUV color **130.8870, 35.5517, 77.2751** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **160.1130, -35.5517, -77.2751**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2120, 35.8845, 63.8351**, and **64.7120, 41.0610, 83.5676** is the 20% darker color. If you saturate the color by 10%, you get **117.7450, 41.0447, 88.8006**, and if you desaturate by 10%, it is **144.0290, 30.0587, 65.7496**.

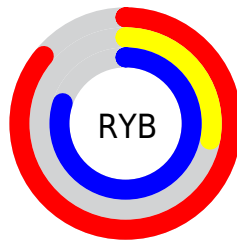
Distribution



Red (86%)

Green (28%)

Blue (80%)



Red (86%)

Yellow (28%)

Blue (80%)

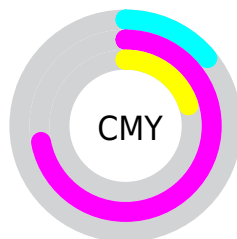


Cyan (0%)

Magenta (67%)

Yellow (7%)

Black (14%)



Cyan (14%)


Magenta (72%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.8870, 35.5517, 77.2751 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 130.8870, 35.5517, 77.2751 by changing the saturation by 10% instead.

 130.8870, 35.5517,
77.2751


 130.8870, 35.5517,
77.2751


255.0000, 0.0000,
0.0000


 98.7670, 37.5829,
79.1343


 182.2120, 35.8845,
63.8351


 64.7120, 41.0610,
83.5676

 199.2350, 27.4921,
48.9059


 53.3760, 33.8316,
68.9532

 216.2580, 19.0998,
33.9767

 42.1540, 27.0391,
54.2389

 233.8680, 10.4181,
18.5328

 30.9320, 20.2465,
39.5246

 250.8910, 2.0257,
3.6036

 20.5360, 14.0328,
25.8399

 6.6660, 10.0247,

4.6779

■ 0.0000, 0.0000,
0.0000

■ 130.8870, 35.5517,
77.2751

■ 130.8870, 35.5517,
77.2751

■ 117.7450, 41.0447,
88.8006

■ 144.0290, 30.0587,
65.7496

■ 104.4890, 46.1009,
100.4261

■ 157.2850, 25.0025,
54.1241

■ 91.3470, 51.5939,
111.9517

■ 170.4270, 19.5095,
42.5985

■ 87.7110, 52.8935,
115.1405

■ 183.6830, 14.4533,
30.9730

■ 196.2380, 9.2497,
19.9623

■ 209.3800, 3.7567,
8.4367

■ 222.6360, -1.2995,
-3.1888

■ 235.7780, -6.7926,
-14.7143

■ 240.7020, -8.2341,
-19.0327

Harmonies

Analogous

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



134.8580, 59.2300, -4.2605



130.8870, 35.5517, 77.2751



112.6420, 10.5295, 123.0940

Triad

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



130.8870, 35.5517, 77.2751



125.9110, -62.0741, 29.8961



119.8660, 42.9571, -105.1225

Complementary

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



130.8870, 35.5517, 77.2751



160.1130, -35.5517, -77.2751

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.



111.7720, 11.9444, -98.0240



130.8870, 35.5517, 77.2751



114.9490, -56.6699, -23.6343

Square

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



130.8870, 35.5517, 77.2751



124.4470, -61.3524, 78.5380



100.8740, -19.6579, -88.4665



121.8160, 65.6597, -106.8326

Rectangle

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



130.8870, 35.5517, 77.2751



115.3280, -13.4727, 121.6153



100.8740, -19.6579, -88.4665



117.8310, 32.6213, -103.3378

Sweetspot

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



130.8870, 35.5517, 77.2751



224.3790, 12.1382, 26.8546



93.2430, 61.9982, -5.4751



109.3470, 7.2239, 16.3587



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.



130.8870, 35.5517, 77.2751



130.9830, 50.2944, 108.7629



122.6790, 4.1023, 84.4735



103.3150, 2.3097, 5.8627



69.3970, 42.2023, 90.8598



18.4280, 11.1280, 24.1806

Inverse Universe

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



130.8870, 35.5517, 77.2751



130.9830, 50.2944, 108.7629



168.3210, -4.1023, -84.4735



103.3150, 2.3097, 5.8627



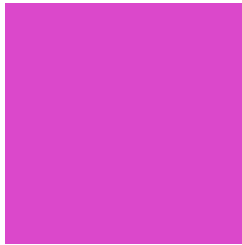
69.3970, 42.2023, 90.8598



18.4280, 11.1280, 24.1806

Previews

White Background



This preview shows how the YUV color 130.8870, 35.5517, 77.2751 looks on a white background.

Color Contrast Check

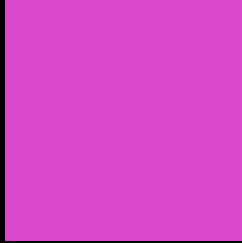
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.8870, 35.5517, 77.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

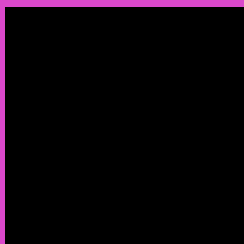
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.8870, 35.5517, 77.2751 Background



This preview shows how black text looks on a background with the YUV color 130.8870, 35.5517, 77.2751.



This preview shows how white text looks on a background with the YUV color 130.8870, 35.5517,

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

130.8870, 35.5517, 77.2751

Protanopia

126.0000, 63.5970, -51.7430

Deuteranopia

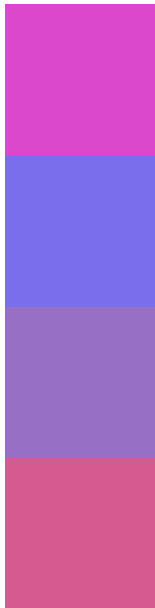
134.1480, 29.0140, -19.4238



Tritanopia

134.0900, -12.8624, 65.6961

Trichromacy



Original Color

130.8870, 35.5517, 77.2751

Protanomaly

127.9520, 53.2677, -5.2199

Deuteranomaly

132.7640, 31.6683, 15.9930

Tritanomaly

132.8190, 5.0192, 70.3187

Monochromacy



Original Color

130.8870, 35.5517, 77.2751

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.2050, 12.7169, 27.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8870, 35.5517, 77.2751 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(219, 72, 203)` looks like.

```
.text, #text, p{  
    color:rgb(219, 72, 203)  
}
```

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(219, 72, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 72, 203) }
```

Border

The CSS property to change the border of an element to YUV 130.8870, 35.5517, 77.2751 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(219, 72, 203) }
```


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

```
.border{ border-color:rgb(219, 72, 203) }
```

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

Here you see how a box with a 4 pixel rgb(219, 72, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 72, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 72, 203);  
box-shadow:4px 4px 4px 4px rgb(219, 72,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 130.8870, 35.5517, 77.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 72, 203) }
```

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

```
.background{ background-color: rgb(219, 72,  
203) }
```

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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