

Converting Colors

YUV(167.7010, 30.7134,
42.3582)

Have a look what the booklet for
YUV(167.7010, 30.7134, 42.3582)
contains.

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Color

**YUV(167.7010, 30.7134,
42.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	D883E6
RGB	216, 131, 230
RGB Percent	85%, 51%, 90%
CMY	0.1529, 0.4863, 0.0980
CMYK	0.06, 0.43, 0.00, 0.10
HSL	292°, 66%, 71%
HSV	292°, 43%, 90%
XYZ	50.7181, 36.5447, 79.2436
YIQ	167.7010, 18.8810, 48.8090

Conversions

Conversions Part 2

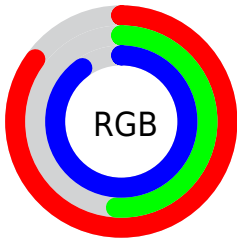
Format	Color
R _Y B	216, 131, 230
Decimal	14189542
CIE Lab	66.93, 48.08, -36.91
CIE LCh	67, 60.611, 322.485
Yxy	36.5447, 0.3046, 0.2195
Android (android.graphics.Color)	4292379622 (0xFFD883E6)
YUV	167.7010, 30.7134, 42.3582
Hunter-Lab	60.4522, 43.9664, -35.4036

Details

The YUV color **167.7010, 30.7134, 42.3582** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **193.2990, -30.7134, -42.3582**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4970, 19.9680, 35.5211**, and **113.1630, 29.9926, 40.1990** is the 20% darker color. If you saturate the color by 10%, you get **153.3030, 37.8116, 52.3543**, and if you desaturate by 10%, it is **182.0990, 23.6152, 32.3622**.

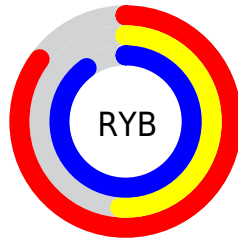
Distribution



Red (85%)

Green (51%)

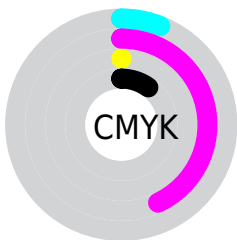
Blue (90%)



Red (85%)

Yellow (51%)

Blue (90%)

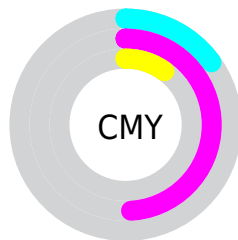


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (49%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7010, 30.7134, 42.3582 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 167.7010, 30.7134, 42.3582 by changing the saturation by 10% instead.

167.7010, 30.7134,
42.3582

167.7010, 30.7134,
42.3582

255.0000, 0.0000,
0.0000

139.9890, 30.5714,
41.2286

214.4970, 19.9680,
35.5211

113.1630, 29.9926,
40.1990

230.9330, 11.8650,
21.1068

86.7500, 29.7033,
39.6843

247.9560, 3.4727,
6.1776

59.8640, 30.1400,
39.5843

34.5650, 30.2875,
38.9695

24.0550, 23.6369,
25.3848

14.8550, 16.8335,

14.1592

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 167.7010, 30.7134,
42.3582

■ 167.7010, 30.7134,
42.3582

■ 153.3030, 37.8116,
52.3543

■ 182.0990, 23.6152,
32.3622

■ 138.6060, 45.0572,
61.7355

■ 196.7960, 16.3696,
22.9809

■ 124.2080, 52.1555,
71.7316

■ 211.1940, 9.2714,
12.9849

■ 109.8100, 59.2537,
81.7276

■ 225.5920, 2.1731,
2.9888

95.4120, 66.3519,
91.7237

239.9900, -4.9251,
-7.0072

85.1230, 71.4244,
98.1161

246.4690, -8.1192,
-9.1813

247.3660, -8.5614,
-7.3370

248.2630, -9.0037,
-5.4927

249.1600, -9.4459,
-3.6483

Harmonies

Analogous

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



161.3280, 46.1803, -18.7047



167.7010, 30.7134, 42.3582



163.5690, 7.6075, 80.1850

Triad

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



167.7010, 30.7134, 42.3582



157.3390, -54.3971, 40.9217



134.0850, 33.9751, -117.5925

Complementary

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



167.7010, 30.7134, 42.3582



193.2990, -30.7134, -42.3582

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.



127.1140, 9.8038, -111.4790



167.7010, 30.7134, 42.3582



152.4540, -49.0308, -0.3982

Square

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



167.7010, 30.7134, 42.3582



159.7940, -40.8174, 72.0947



142.8400, -24.5711, -52.4797



136.2800, 55.0780, -119.5176

Rectangle

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



167.7010, 30.7134, 42.3582



158.7640, -8.2647, 84.3990



142.8400, -24.5711, -52.4797



132.0330, 26.1127, -115.7929

Sweetspot

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



167.7010, 30.7134, 42.3582



234.1340, 10.2869, 13.9145



151.0910, 38.9021, -17.6198



114.7760, 6.5194, 8.9664



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.



167.7010, 30.7134, 42.3582



171.2480, 41.2897, 56.7875



167.8970, 13.3618, 54.4643



107.3580, 3.7675, 4.9480



66.1530, 55.6336, 76.1648



18.9700, 15.7908, 21.9513

Inverse Universe

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



162.1970, -8.4781, 59.4632



163.9330, -11.3060, 79.8658



193.1030, -13.3618, -54.4643



106.8160, -0.8953, 7.1774



56.3710, -15.4659, 107.5456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 167.7010, 30.7134, 42.3582 looks on a white background.

Color Contrast Check

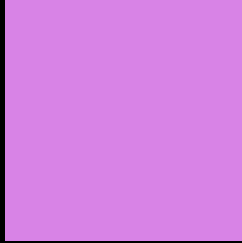
Large Text (above 18pt) WCAG AA × Fail

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 167.7010, 30.7134, 42.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

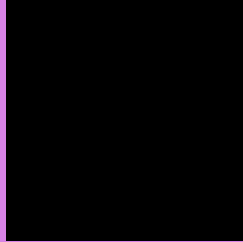
Any Text WCAG AA ✓ Pass

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 167.7010, 30.7134, 42.3582 Background



This preview shows how black text looks on a background with the YUV color 167.7010, 30.7134, 42.3582.



This preview shows how white text looks on a background with the YUV color 167.7010, 30.7134,

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

167.7010, 30.7134, 42.3582

Protanopia

161.4470, 45.6286, -28.4560

Deuteranopia

163.0990, 30.0242, -16.7498



Tritanopia

165.8950, -3.8922, 35.1721

Trichromacy



Original Color

167.7010, 30.7134, 42.3582



Protanomaly

163.5320, 40.1637, -2.2206



Deuteranomaly

164.6440, 30.2485, 4.6972



Tritanomaly

166.5330, 8.6112, 38.1206

Monochromacy



Original Color

167.7010, 30.7134, 42.3582



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.0740, 11.3025, 14.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7010, 30.7134, 42.3582 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(216, 131, 230)` looks like.

```
.text, #text, p{  
    color:rgb(216, 131, 230)  
}
```

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(216, 131, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 131, 230) }
```

Border

The CSS property to change the border of an element to YUV 167.7010, 30.7134, 42.3582 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(216, 131, 230) }
```


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

```
.border{ border-color:rgb(216, 131, 230) }
```

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

Here you see how a box with a 4 pixel rgb(216, 131, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 131, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 131, 230);  
box-shadow:4px 4px 4px 4px rgb(216, 131,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 167.7010, 30.7134, 42.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 131, 230) }
```

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

```
.background{ background-color: rgb(216,  
131, 230) }
```

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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