

Converting Colors

YUV(130.7530, 35.6178,
102.8256)

Have a look what the booklet for
YUV(130.7530, 35.6178, 102.8256)
contains.

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Color

**YUV(130.7530, 35.6178,
102.8256)**

Conversions

Conversions Part 1

Format	Color
Hex	F839CB
RGB	248, 57, 203
RGB Percent	97%, 22%, 80%
CMY	0.0275, 0.7765, 0.2039
CMYK	0.00, 0.77, 0.18, 0.03
HSL	314°, 93%, 60%
HSV	314°, 77%, 97%
XYZ	50.9540, 27.1945, 59.0634
YIQ	130.7530, 66.9700, 85.8980

Conversions

Conversions Part 2

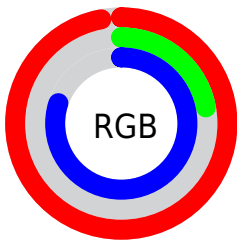
Format	Color
R _Y B	248, 57, 203
Decimal	16267723
CIE Lab	59.15, 82.24, -33.54
CIE LCh	59, 88.813, 337.816
Yxy	27.1945, 0.3714, 0.1982
Android (android.graphics.Color)	4294457803 (0xFFFF839CB)
YUV	130.7530, 35.6178, 102.8256
Hunter-Lab	52.1484, 83.1522, -30.6482

Details

The YUV color **130.7530, 35.6178, 102.8256** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **174.2470, -35.6178, -102.8256**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5160, 38.1996, 67.9535**, and **72.7850, 37.0810, 100.1666** is the 20% darker color. If you saturate the color by 10%, you get **115.3940, 40.2318, 116.2955**, and if you desaturate by 10%, it is **146.1120, 31.0038, 89.3558**.

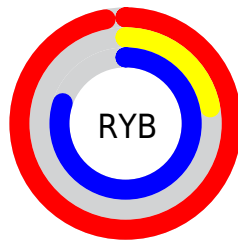
Distribution



Red (97%)

Green (22%)

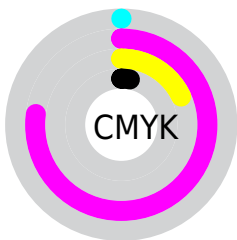
Blue (80%)



Red (97%)

Yellow (22%)

Blue (80%)

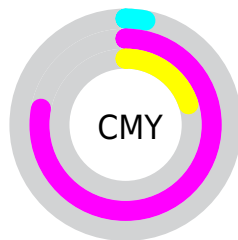


Cyan (0%)

Magenta (77%)

Yellow (18%)

Black (3%)



Cyan (3%)


Magenta (78%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.7530, 35.6178, 102.8256 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 130.7530, 35.6178, 102.8256 by changing the saturation by 10% instead.


 130.7530, 35.6178,
102.8256


 130.7530, 35.6178,
102.8256


255.0000, 0.0000,
0.0000


 84.8330, 44.4523,
115.9105


 177.5160, 38.1996,
67.9535


 72.7850, 37.0810,
100.1666


 195.7130, 29.2285,
51.9947


 60.8510, 30.1465,
84.3227


 213.3230, 20.5468,
36.5507

 49.3300, 23.5013,
68.9936

 230.9330, 11.8650,
21.1068

 37.9230, 17.2930,
53.5645

 249.1300, 2.8939,
5.1480

 27.2280, 11.2266,
39.2650

 15.7500, 6.0393,

23.0212

■ 0.0000, 0.0000,
0.0000

■ 130.7530, 35.6178,
102.8256

■ 130.7530, 35.6178,
102.8256

■ 115.3940, 40.2318,
116.2955

■ 146.1120, 31.0038,
89.3558

■ 100.0350, 44.8457,
129.7653

■ 161.4710, 26.3898,
75.8859

■ 95.8120, 46.4347,
133.4689

■ 176.2430, 22.0652,
62.9309

■ 191.4880, 17.0144,
49.5610

■ 206.8470, 12.4004,
36.0912

222.2060, 7.7864,
22.6213

237.5650, 3.1725,
9.1515

252.3370, -1.1521,
-3.8035

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



142.9750, 55.2283, 19.3159



130.7530, 35.6178, 102.8256



98.8270, 13.3963, 136.9637

Triad

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



130.7530, 35.6178, 102.8256



131.7480, -64.9518, 19.5150



129.1560, 53.1671, -113.2698

Complementary

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



130.7530, 35.6178, 102.8256



174.2470, -35.6178, -102.8256

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.



121.1930, 20.1179, -106.2863



130.7530, 35.6178, 102.8256



114.5180, -56.4574, -45.1813

Square

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



130.7530, 35.6178, 102.8256



133.2740, -65.7041, 74.3047



109.9700, -15.2682, -96.4437



126.5120, 63.3446, -110.9510

Rectangle

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



130.7530, 35.6178, 102.8256



114.7320, -19.5879, 123.0150



109.9700, -15.2682, -96.4437



127.1210, 42.8313, -111.4851

Sweetspot

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



130.7530, 35.6178, 102.8256



218.7710, 10.9589, 31.7728



92.2290, 76.7951, 8.5692



105.8420, 6.4869, 19.4326



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.



130.7530, 35.6178, 102.8256



110.7850, 43.9830, 126.4766



119.9230, -5.8780, 112.3235



117.0270, 2.4517, 6.9923



72.9270, 35.0390, 101.7960



23.5970, 11.5377, 32.8024

Inverse Universe

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



130.7530, 35.6178, 102.8256



110.7850, 43.9830, 126.4766



185.0770, 5.8780, -112.3235



117.0270, 2.4517, 6.9923



72.9270, 35.0390, 101.7960



23.5970, 11.5377, 32.8024

Previews

White Background



This preview shows how the YUV color 130.7530, 35.6178, 102.8256 looks on a white background.

Color Contrast Check

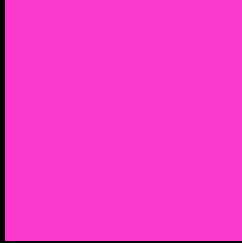
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7530, 35.6178, 102.8256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

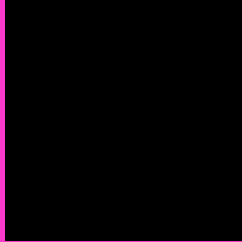
Any Text WCAG AA ✓ Pass

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 130.7530, 35.6178, 102.8256 Background



This preview shows how black text looks on a background with the YUV color 130.7530, 35.6178, 102.8256.



This preview shows how white text looks on a background with the YUV color 130.7530, 35.6178, 102.8256.

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

130.7530, 35.6178, 102.8256

Protanopia

136.6760, 58.3337, -43.5659

Deuteranopia

143.2260, 24.0456, -12.4762



Tritanopia

137.3380, -18.9006, 89.1576

Trichromacy



Original Color

130.7530, 35.6178, 102.8256



Protanomaly

134.5410, 50.0193, 10.0495



Deuteranomaly

138.3420, 28.4254, 29.5181



Tritanomaly

134.9360, 1.0176, 93.8951

Monochromacy



Original Color

130.7530, 35.6178, 102.8256



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.9720, 12.8318, 37.7356

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7530, 35.6178, 102.8256 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(248, 57, 203)` looks like.

```
.text, #text, p{  
    color:rgb(248, 57, 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(248, 57, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 57, 203) }
```

Border

The CSS property to change the border of an element to YUV 130.7530, 35.6178, 102.8256 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(248, 57, 203) }
```


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

```
.border{ border-color:rgb(248, 57, 203) }
```

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

Here you see how a box with a 4 pixel rgb(248, 57, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 57, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 57, 203);  
box-shadow:4px 4px 4px 4px rgb(248, 57,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 130.7530, 35.6178, 102.8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 57, 203) }
```

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

```
.background{ background-color: rgb(248, 57,  
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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