

Converting Colors

YUV(130.0190, 35.4866,
98.2073)

Have a look what the booklet for
YUV(130.0190, 35.4866, 98.2073)
contains.

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Color

**YUV(130.0190, 35.4866,
98.2073)**

Conversions

Conversions Part 1

Format	Color
Hex	F23BCA
RGB	242, 59, 202
RGB Percent	95%, 23%, 79%
CMY	0.0510, 0.7686, 0.2078
CMYK	0.00, 0.76, 0.17, 0.05
HSL	313°, 88%, 59%
HSV	313°, 76%, 95%
XYZ	48.8426, 26.2694, 58.3733
YIQ	130.0190, 63.1650, 83.2690

Conversions

Conversions Part 2

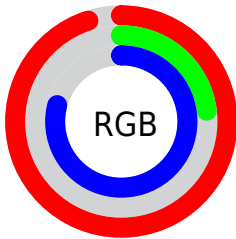
Format	Color
R _Y B	242, 59, 202
Decimal	15875018
CIE Lab	58.29, 80.26, -34.38
CIE LCh	58, 87.319, 336.811
Yxy	26.2694, 0.3659, 0.1968
Android (android.graphics.Color)	4294065098 (0xFFFF23BCA)
YUV	130.0190, 35.4866, 98.2073
Hunter-Lab	51.2537, 80.4088, -31.6483

Details

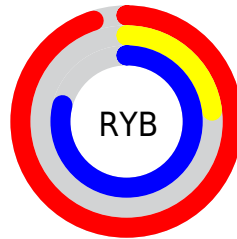
The YUV color **130.0190, 35.4866, 98.2073** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **170.9810, -35.4866, -98.2073**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1030, 37.9102, 67.4387**, and **71.1760, 37.3812, 97.1926** is the 20% darker color. If you saturate the color by 10%, you get **115.3610, 40.2480, 111.0624**, and if you desaturate by 10%, it is **144.6770, 30.7252, 85.3523**.

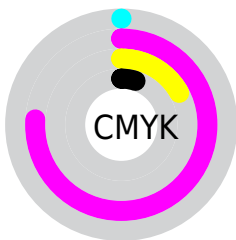
Distribution



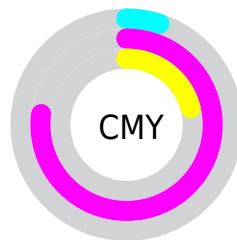
- Red (95%)
- Green (23%)
- Blue (79%)



- Red (95%)
- Yellow (23%)
- Blue (79%)



- Cyan (0%)
- Magenta (76%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (77%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.0190, 35.4866, 98.2073 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 130.0190, 35.4866, 98.2073 by changing the saturation by 10% instead.


 130.0190, 35.4866,
98.2073


 130.0190, 35.4866,
98.2073


255.0000, 0.0000,
0.0000


 83.8110, 44.4632,
112.4218


 178.1030, 37.9102,
67.4387


 71.1760, 37.3812,
97.1926


 195.7130, 29.2285,
51.9947

 59.2420, 30.4467,
81.3488


 213.3230, 20.5468,
36.5507

 47.7210, 23.8015,
66.0197

 230.9330, 11.8650,
21.1068

 36.3140, 17.5932,
50.5906

 248.5430, 3.1833,
5.6628

 25.6190, 11.5268,
36.2911

 14.1410, 6.3395,

20.0473

■ 0.0000, 0.0000,
0.0000

■ 130.0190, 35.4866,
98.2073

■ 130.0190, 35.4866,
98.2073

■ 115.3610, 40.2480,
111.0624

■ 144.6770, 30.7252,
85.3523

■ 100.5890, 44.5726,
124.0174

■ 159.4490, 26.4006,
72.3972

■ 93.9040, 46.8823,
129.8802

■ 174.6940, 21.3499,
59.0274

■ 189.3520, 16.5885,
46.1723

■ 204.0100, 11.8271,
33.3172

218.7820, 7.5025,
20.3622

233.4400, 2.7411,
7.5071

248.6850, -2.3097,
-5.8627

250.5430, -0.2677,
-7.4922

Harmonies

Analogous

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



140.8820, 56.2602, 15.0125



130.0190, 35.4866, 98.2073



100.5880, 12.5281, 135.4193

Triad

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



130.0190, 35.4866, 98.2073



129.9870, -64.0836, 21.0594



127.2980, 51.1251, -111.6403

Complementary

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



130.0190, 35.4866, 98.2073



170.9810, -35.4866, -98.2073

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.



118.7480, 18.3652, -104.1420



130.0190, 35.4866, 98.2073



113.9530, -56.1788, -41.1778

Square

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



130.0190, 35.4866, 98.2073



130.9150, -64.5411, 74.6195



107.7530, -16.1472, -94.4994



125.3380, 63.9234, -109.9214

Rectangle

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



130.0190, 35.4866, 98.2073



114.3730, -18.4249, 123.3299



107.7530, -16.1472, -94.4994



124.6760, 41.0787, -109.3409

Sweetspot

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



130.0190, 35.4866, 98.2073



218.8850, 11.3957, 31.6729



91.8220, 74.0378, 6.2951



105.9560, 6.9237, 19.3326



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.



130.0190, 35.4866, 98.2073



113.0020, 44.8620, 124.5322



119.6450, -4.2620, 107.3053



112.6140, 2.1623, 6.4775



71.3180, 35.3392, 98.8221



21.7600, 10.9643, 30.0285

Inverse Universe

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



130.0190, 35.4866, 98.2073



113.0020, 44.8620, 124.5322



181.3550, 4.2620, -107.3053



112.6140, 2.1623, 6.4775



71.3180, 35.3392, 98.8221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 130.0190, 35.4866, 98.2073 looks on a white background.

Color Contrast Check

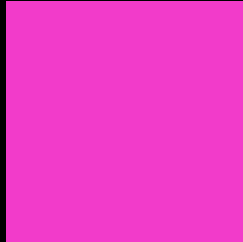
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.0190, 35.4866, 98.2073 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 130.0190, 35.4866, 98.2073

Background



This preview shows how black text looks on a background with the YUV color 130.0190, 35.4866, 98.2073.



This preview shows how white text looks on a background with the YUV color 130.0190, 35.4866,

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

130.0190, 35.4866, 98.2073

Protanopia

134.0070, 59.6495, -45.6101

Deuteranopia

140.7420, 24.7772, -13.8057



Tritanopia

136.2450, -17.8688, 84.8541

Trichromacy



Original Color

130.0190, 35.4866, 98.2073



Protanomaly

132.7470, 50.9037, 6.3609



Deuteranomaly

137.0320, 28.5782, 27.1589



Tritanomaly

133.7290, 1.6126, 89.6917

Monochromacy



Original Color

130.0190, 35.4866, 98.2073



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.9610, 12.8372, 35.9912

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0190, 35.4866, 98.2073 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(242, 59, 202)` looks like.

```
.text, #text, p{  
    color:rgb(242, 59, 202)  
}
```

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(242, 59, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 59, 202) }
```

Border

The CSS property to change the border of an element to YUV 130.0190, 35.4866, 98.2073 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(242, 59, 202) }
```


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

```
.border{ border-color:rgb(242, 59, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 59, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 59, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 59, 202);  
box-shadow:4px 4px 4px 4px rgb(242, 59,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 130.0190, 35.4866, 98.2073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 59, 202) }
```

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

```
.background{ background-color: rgb(242, 59,  
202) }
```

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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