

Converting Colors

YUV(100.9830, 57.1964,
135.0729)

Have a look what the booklet for
YUV(100.9830, 57.1964, 135.0729)
contains.

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Color

**YUV(100.9830, 57.1964,
135.0729)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00D9
RGB	255, 0, 217
RGB Percent	100%, 0%, 85%
CMY	0.0000, 1.0000, 0.1490
CMYK	0.00, 1.00, 0.15, 0.00
HSL	309°, 100%, 50%
HSV	309°, 100%, 100%
XYZ	53.7644, 26.2698, 67.8825
YIQ	100.9830, 82.3230, 121.5470

Conversions

Conversions Part 2

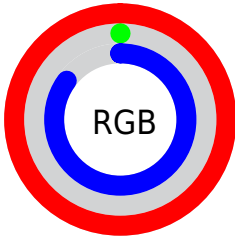
Format	Color
RYB	255, 0, 217
Decimal	16711897
CIELab	58.29, 93.29, -42.77
CIELCh	58, 102.623, 335.372
Yxy	26.2698, 0.3635, 0.1776
Android (android.graphics.Color)	4294901977 (0xFFFF00D9)
YUV	100.9830, 57.1964, 135.0729
Hunter-Lab	51.2540, 97.5482, -42.6478

Details

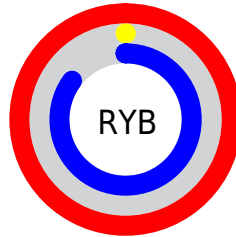
The YUV color **100.9830, 57.1964, 135.0729** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **154.0170, -57.1964, -135.0729**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **76.0610, 41.8749, 102.5555** is the 20% darker color. If you saturate the color by 10%, you get **100.9830, 57.1964, 135.0729**, and if you desaturate by 10%, it is **116.1140, 51.7088, 121.8030**.

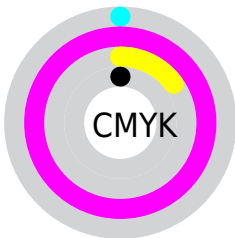
Distribution



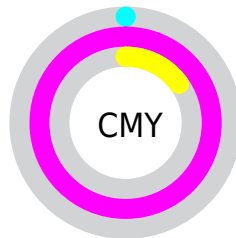
- Red (100%)
- Green (0%)
- Blue (85%)



- Red (100%)
- Yellow (0%)
- Blue (85%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.9830, 57.1964, 135.0729 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 100.9830, 57.1964, 135.0729 by changing the saturation by 10% instead.


 100.9830, 57.1964,
135.0729


 100.9830, 57.1964,
135.0729


255.0000, 0.0000,
0.0000


 88.5220, 49.5357,
118.8142


 166.3630, 43.6980,
77.7346


 76.0610, 41.8749,
102.5555


 185.1470, 34.4375,
61.2611

 64.1270, 34.9404,
86.7116


 203.9310, 25.1770,
44.7875

 52.1930, 28.0059,
70.8677

 222.1280, 16.2059,
28.8287

 40.3730, 21.5081,
54.9239

 240.3250, 7.2348,
12.8700

 29.2650, 15.1524,
40.1096

 17.6730, 9.5282,

23.9658

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 100.9830, 57.1964,
135.0729

■ 116.1140, 51.7088,
121.8030

■ 131.8320, 45.9318,
108.0183

■ 147.4360, 39.7181,
94.3336

■ 162.5670, 34.2305,
81.0637

■ 178.2850, 28.4535,
67.2791

■ 193.4160, 22.9659,
54.0092

■ 209.1340, 17.1889,
40.2245

■ 224.1510, 11.2646,
27.0546

■ 239.8690, 5.4876,
13.2699

Harmonies

Analogous

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



135.8430, 58.7444, 11.5387



100.9830, 57.1964, 135.0729



90.8370, 18.3214, 143.9710

Triad

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



100.9830, 57.1964, 135.0729



129.9980, -64.0890, 22.8038



131.0140, 55.2091, -114.8993

Complementary

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



100.9830, 57.1964, 135.0729



154.0170, -57.1964, -135.0729

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.



120.3950, 17.0603, -105.5864



100.9830, 57.1964, 135.0729



108.8480, -53.6621, -55.1177

Square

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



100.9830, 57.1964, 135.0729



129.8070, -63.9949, 86.1153



107.4620, -24.8778, -94.2442



128.2730, 62.4764, -112.4954

Rectangle

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



100.9830, 57.1964, 135.0729



84.2250, -7.0129, 149.7697



107.4620, -24.8778, -94.2442



127.9360, 43.4156, -112.1999

Sweetspot

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



100.9830, 57.1964, 135.0729



209.1340, 17.1889, 40.2245



39.2360, 106.3717, -4.5920



100.2000, 10.2544, 24.3806



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.



100.9830, 57.1964, 135.0729



86.9610, 3.4702, 147.3702



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Inverse Universe

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



100.9830, 57.1964, 135.0729



168.1530, -3.0334, -147.4702



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 100.9830, 57.1964, 135.0729 looks on a white background.

Color Contrast Check

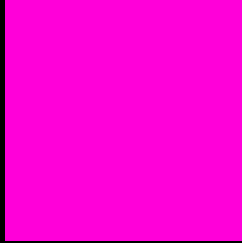
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.9830, 57.1964, 135.0729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

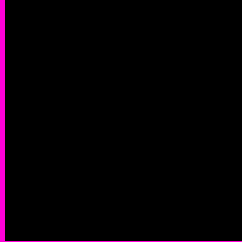
Any Text WCAG AA ✓ Pass

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 100.9830, 57.1964, 135.0729 Background



This preview shows how black text looks on a background with the YUV color 100.9830, 57.1964, 135.0729.

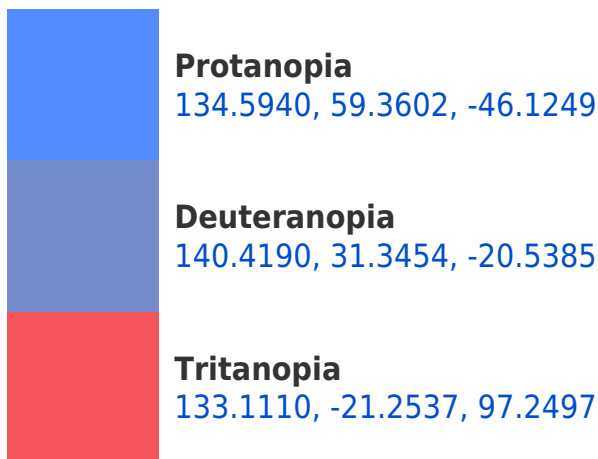


This preview shows how white text looks on a background with the YUV color 100.9830, 57.1964,

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



Trichromacy



Protanomaly

122.4850, 58.4279, 19.7457

Deuteranomaly

126.0020, 40.9180, 35.9552

Tritanomaly

121.3540, 7.2205, 111.0685

Monochromacy



Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8130, 20.7982, 49.2760

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9830, 57.1964, 135.0729 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(255, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 217)  
}
```

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(255, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 217) }
```

Border

The CSS property to change the border of an element to YUV 100.9830, 57.1964, 135.0729 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(255, 0, 217) }
```

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

```
.border{ border-color:rgb(255, 0, 217) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 100.9830, 57.1964, 135.0729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 217) }
```

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

```
.background{ background-color: rgb(255, 0,  
217) }
```

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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