

Converting Colors

YUV(130.3500, 40.2535,
109.3180)

Have a look what the booklet for
YUV(130.3500, 40.2535, 109.3180)
contains.

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Color

**YUV(130.3500, 40.2535,
109.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33D4
RGB	255, 51, 212
RGB Percent	100%, 20%, 83%
CMY	0.0000, 0.8000, 0.1686
CMYK	0.00, 0.80, 0.17, 0.00
HSL	313°, 100%, 60%
HSV	313°, 80%, 100%
XYZ	54.3075, 28.3811, 64.9031
YIQ	130.3500, 69.9030, 93.3190

Conversions

Conversions Part 2

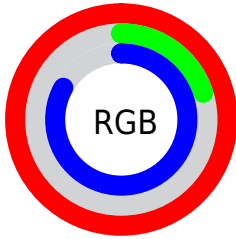
Format	Color
RYB	255, 51, 212
Decimal	16724948
CIELab	60.23, 86.32, -36.88
CIElCh	60, 93.867, 336.862
Yxy	28.3811, 0.3680, 0.1923
Android (android.graphics.Color)	4294915028 (0xFFFF33D4)
YUV	130.3500, 40.2535, 109.3180
Hunter-Lab	53.2739, 88.7337, -34.9407

Details

The YUV color **130.3500, 40.2535, 109.3180** 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 **175.6500, -40.2535, -109.3180**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3420, 38.7784, 68.9831**, and **75.9040, 39.9803, 103.5702** is the 20% darker color. If you saturate the color by 10%, you get **114.5180, 45.5936, 123.2027**, and if you desaturate by 10%, it is **146.1820, 34.9133, 95.4334**.

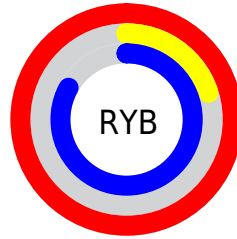
Distribution



Red (100%)

Green (20%)

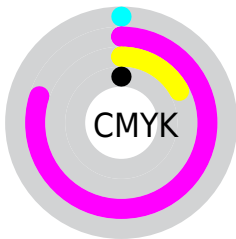
Blue (83%)



Red (100%)

Yellow (20%)

Blue (83%)

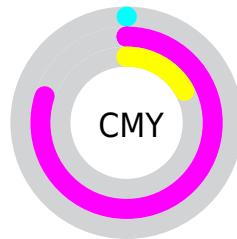


Cyan (0%)

Magenta (80%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.3500, 40.2535, 109.3180 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 130.3500, 40.2535, 109.3180 by changing the saturation by 10% instead.


 130.3500, 40.2535,
109.3180


 130.3500, 40.2535,
109.3180


255.0000, 0.0000,
0.0000


 87.9520, 47.3517,
119.3141


 176.3420, 38.7784,
68.9831


 75.9040, 39.9803,
103.5702


 194.5390, 29.8073,
53.0243

 63.8560, 32.6090,
87.8263


 212.1490, 21.1255,
37.5803

 52.0360, 26.1113,
71.8824

 230.3460, 12.1544,
21.6216

 40.5150, 19.4661,
56.5533

 248.5430, 3.1833,
5.6628

 29.5210, 13.5471,
41.6391

 17.9290, 7.9230,

25.4953

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 130.3500, 40.2535,
109.3180

■ 130.3500, 40.2535,
109.3180

■ 114.5180, 45.5936,
123.2027

■ 146.1820, 34.9133,
95.4334

■ 99.1590, 50.2076,
136.6726

■ 161.5410, 30.2993,
81.9635

■ 177.3730, 24.9591,
68.0789

■ 192.7320, 20.3451,
54.6090

■ 208.5640, 15.0049,
40.7244

■ 223.8090, 9.9542,
27.3545

■ 239.7550, 5.0508,
13.3699

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



143.8500, 54.7970, 17.6716



130.3500, 40.2535, 109.3180



91.0650, 19.1950, 143.7710

Triad

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



130.3500, 40.2535, 109.3180



134.4170, -66.2676, 21.5593



132.8890, 54.7777, -116.5437

Complementary

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



130.3500, 40.2535, 109.3180



175.6500, -40.2535, -109.3180

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.



123.6550, 19.3971, -108.4454



130.3500, 40.2535, 109.3180



116.8660, -57.6149, -47.2405

Square

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



130.3500, 40.2535, 109.3180



135.6660, -66.8833, 79.2229



111.8620, -18.1730, -98.1030



129.4470, 61.8976, -113.5250

Rectangle

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



130.3500, 40.2535, 109.3180



107.9160, -15.2416, 128.9927



111.8620, -18.1730, -98.1030



130.5120, 43.1316, -114.4590

Sweetspot

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



130.3500, 40.2535, 109.3180



217.7110, 11.9745, 32.7025



86.5150, 83.0631, 4.8103



105.3690, 7.2131, 19.8474



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.



130.3500, 40.2535, 109.3180



105.2570, 48.1873, 131.3246



118.9500, -3.4263, 119.3159



120.0270, 2.4517, 6.9923



74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Inverse Universe

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



130.3500, 40.2535, 109.3180



105.2570, 48.1873, 131.3246



187.0500, 3.4263, -119.3159



120.0270, 2.4517, 6.9923



74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 130.3500, 40.2535, 109.3180 looks on a white background.

Color Contrast Check

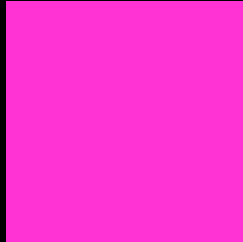
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.3500, 40.2535, 109.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

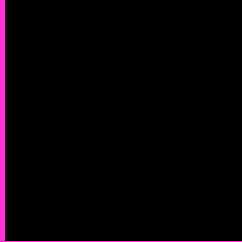
Any Text WCAG AA ✓ Pass

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 130.3500, 40.2535, 109.3180 Background



This preview shows how black text looks on a background with the YUV color 130.3500, 40.2535, 109.3180.



This preview shows how white text looks on a background with the YUV color 130.3500, 40.2535, 109.3180.

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

130.3500, 40.2535, 109.3180

Protanopia

140.2310, 56.5811, -41.4216

Deuteranopia

145.0130, 27.1086, -14.9204



Tritanopia

139.7190, -20.0745, 92.3314

Trichromacy



Original Color

130.3500, 40.2535, 109.3180



Protanomaly

136.6770, 50.4452, 13.4383



Deuteranomaly

139.8520, 31.6250, 29.9478



Tritanomaly

136.1970, 1.8749, 98.9282

Monochromacy



Original Color

130.3500, 40.2535, 109.3180



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.8520, 14.8630, 39.5948

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3500, 40.2535, 109.3180 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, 51, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 212)  
}
```

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, 51, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 212) }
```

Border

The CSS property to change the border of an element to YUV 130.3500, 40.2535, 109.3180 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, 51, 212) }
```


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

```
.border{ border-color:rgb(255, 51, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 130.3500, 40.2535, 109.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 212) }
```

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

```
.background{ background-color: rgb(255, 51,  
212) }
```

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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