

Converting Colors

YUV(133.1680, 29.4972,
105.9697)

Have a look what the booklet for
YUV(133.1680, 29.4972, 105.9697)
contains.

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Color

**YUV(133.1680, 29.4972,
105.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3CC1
RGB	254, 60, 193
RGB Percent	100%, 24%, 76%
CMY	0.0039, 0.7647, 0.2431
CMYK	0.00, 0.76, 0.24, 0.00
HSL	319°, 99%, 62%
HSV	319°, 76%, 100%
XYZ	52.1145, 28.1528, 53.1394
YIQ	133.1680, 72.9310, 82.4910

Conversions

Conversions Part 2

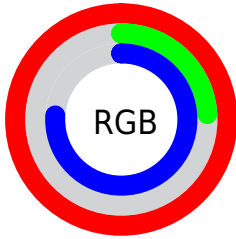
Format	Color
R_{YB}	254, 60, 193
Decimal	16661697
CIE _{Lab}	60.03, 81.54, -26.38
CIE _{LCh}	60, 85.701, 342.070
Yxy	28.1528, 0.3906, 0.2110
Android (android.graphics.Color)	4294851777 (0xFFFE3CC1)
YUV	133.1680, 29.4972, 105.9697
Hunter-Lab	53.0592, 82.4684, -22.2381

Details

The YUV color **133.1680, 29.4972, 105.9697** 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 **180.8320, -29.4972, -105.9697**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7070, 35.1474, 66.9090**, and **73.5530, 32.2654, 104.7550** is the 20% darker color. If you saturate the color by 10%, you get **117.5810, 33.2376, 119.6395**, and if you desaturate by 10%, it is **148.7550, 25.7568, 92.2999**.

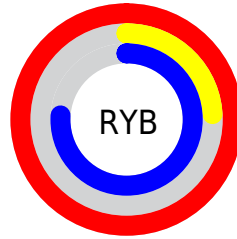
Distribution



Red (100%)

Green (24%)

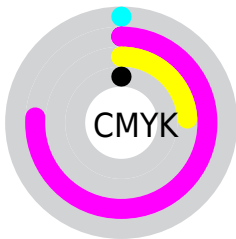
Blue (76%)



Red (100%)

Yellow (24%)

Blue (76%)

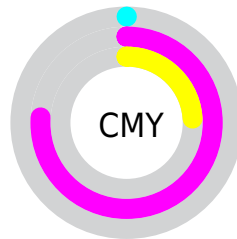


Cyan (0%)

Magenta (76%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.1680, 29.4972, 105.9697 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 133.1680, 29.4972, 105.9697 by changing the saturation by 10% instead.


 133.1680, 29.4972,
105.9697


 133.1680, 29.4972,
105.9697


255.0000, 0.0000,
0.0000


 85.6010, 39.6367,
120.4989


 178.7070, 35.1474,
66.9090


 73.5530, 32.2654,
104.7550


 196.8870, 28.6497,
50.9651

 61.6190, 25.3308,
88.9111

 214.4970, 19.9680,
35.5211

 49.9130, 19.2699,
72.8673

 232.6940, 10.9969,
19.5624

 38.5060, 13.0615,
57.4382

 250.3040, 2.3151,
4.1184

 27.9250, 7.4320,
43.0388

 16.1480, 2.3920,

26.1802

■ 0.0000, 0.0000,
0.0000

■ 133.1680, 29.4972,
105.9697

■ 133.1680, 29.4972,
105.9697

■ 117.5810, 33.2376,
119.6395

■ 148.7550, 25.7568,
92.2999

■ 101.4070, 37.2673,
133.8241

■ 164.9290, 21.7270,
78.1153

■ 95.7820, 38.5615,
138.7572

■ 180.5160, 17.9866,
64.4455

■ 196.6900, 13.9568,
50.2609

■ 212.2770, 10.2164,
36.5911

■ 227.8640, 6.4760,
22.9213

■ 244.0380, 2.4463,
8.7367

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



147.1830, 53.1538, 31.4115



133.1680, 29.4972, 105.9697



114.3510, 1.7990, 123.3492

Triad

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



133.1680, 29.4972, 105.9697



132.5900, -65.3669, 12.6376



130.6550, 56.3721, -114.5844

Complementary

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



133.1680, 29.4972, 105.9697



180.8320, -29.4972, -105.9697

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.



123.7350, 24.7806, -108.5156



133.1680, 29.4972, 105.9697



113.2780, -55.8461, -54.6178

Square

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



133.1680, 29.4972, 105.9697



135.8770, -66.9874, 65.8829



112.9680, -8.8582, -99.0729



126.5120, 63.3446, -110.9510

Rectangle

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



133.1680, 29.4972, 105.9697



124.6140, -27.4177, 114.3485



112.9680, -8.8582, -99.0729



129.4350, 46.6205, -113.5145

Sweetspot

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



133.1680, 29.4972, 105.9697



218.3150, 9.2117, 32.1727



99.4580, 76.1892, 16.2613



105.5000, 5.1765, 19.7325



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.



133.1680, 29.4972, 105.9697



108.6190, 35.6838, 128.3761



122.4520, -11.5618, 115.3676



119.7990, 1.5781, 7.1923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Inverse Universe

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



133.1680, 29.4972, 105.9697



108.6190, 35.6838, 128.3761



191.5480, 11.5618, -115.3676



119.7990, 1.5781, 7.1923



72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 133.1680, 29.4972, 105.9697 looks on a white background.

Color Contrast Check

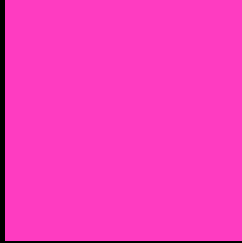
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1680, 29.4972, 105.9697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

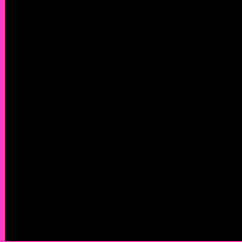
Any Text WCAG AA ✓ Pass

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 133.1680, 29.4972, 105.9697 Background



This preview shows how black text looks on a background with the YUV color 133.1680, 29.4972, 105.9697.



This preview shows how white text looks on a background with the YUV color 133.1680, 29.4972, 105.9697.

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

133.1680, 29.4972, 105.9697

Protanopia

139.6440, 56.8705, -40.9068

Deuteranopia

145.9620, 17.7667, -5.2287



Tritanopia

138.6160, -20.5167, 94.1758

Trichromacy



Original Color

133.1680, 29.4972, 105.9697



Protanomaly

137.6400, 46.5195, 12.5937



Deuteranomaly

141.0670, 22.1520, 35.0212



Tritanomaly

136.4590, -2.1983, 98.6985

Monochromacy



Original Color

133.1680, 29.4972, 105.9697



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8150, 10.9372, 38.7502

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1680, 29.4972, 105.9697 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(254, 60, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 60, 193)  
}
```

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(254, 60, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 60, 193) }
```

Border

The CSS property to change the border of an element to YUV 133.1680, 29.4972, 105.9697 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(254, 60, 193) }
```


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

```
.border{ border-color:rgb(254, 60, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 60, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 60, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 60, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 60,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 133.1680, 29.4972, 105.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 60, 193) }
```

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

```
.background{ background-color: rgb(254, 60,  
193) }
```

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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