

Converting Colors

YUV(128.2980, 32.3911,
111.1177)

Have a look what the booklet for
YUV(128.2980, 32.3911, 111.1177)
contains.

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Color

**YUV(128.2980, 32.3911,
111.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	FF33C2
RGB	255, 51, 194
RGB Percent	100%, 20%, 76%
CMY	0.0000, 0.8000, 0.2392
CMYK	0.00, 0.80, 0.24, 0.00
HSL	318°, 100%, 60%
HSV	318°, 80%, 100%
XYZ	52.1614, 27.5227, 53.6021
YIQ	128.2980, 75.6810, 87.7210

Conversions

Conversions Part 2

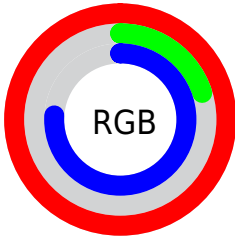
Format	Color
RYB	255, 51, 194
Decimal	16724930
CIELab	59.46, 84.12, -27.83
CIELCh	59, 88.607, 341.698
Yxy	27.5227, 0.3913, 0.2065
Android (android.graphics.Color)	4294915010 (0xFFFF33C2)
YUV	128.2980, 32.3911, 111.1177
Hunter-Lab	52.4621, 85.6684, -23.8550

Details

The YUV color **128.2980, 32.3911, 111.1177** 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 **177.7020, -32.3911, -111.1177**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2990, 37.3206, 69.8978**, and **73.6670, 32.7022, 104.6550** is the 20% darker color. If you saturate the color by 10%, you get **112.1240, 36.4209, 125.3023**, and if you desaturate by 10%, it is **144.4720, 28.3613, 96.9331**.

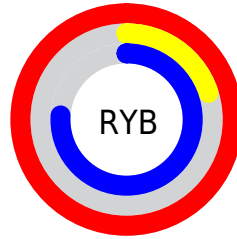
Distribution



Red (100%)

Green (20%)

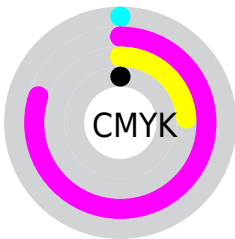
Blue (76%)



Red (100%)

Yellow (20%)

Blue (76%)

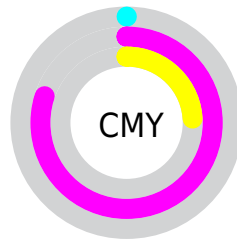


Cyan (0%)

Magenta (80%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.2980, 32.3911, 111.1177 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 128.2980, 32.3911, 111.1177 by changing the saturation by 10% instead.


 128.2980, 32.3911,
111.1177


 128.2980, 32.3911,
111.1177


255.0000, 0.0000,
0.0000


 86.0140, 39.9261,
121.0137


 175.2990, 37.3206,
69.8978


 73.6670, 32.7022,
104.6550


 193.9520, 30.0967,
53.5391


 61.7330, 25.7676,
88.8112


 211.5620, 21.4149,
38.0951

 50.0270, 19.7067,
72.7673

 229.7590, 12.4438,
22.1364

 38.6200, 13.4983,
57.3383

 247.3690, 3.7621,
6.6924

 28.0390, 7.8688,
42.9388

 16.1480, 2.3920,

26.1802

■ 0.0000, 0.0000,
0.0000

■ 128.2980, 32.3911,
111.1177

■ 128.2980, 32.3911,
111.1177

■ 112.1240, 36.4209,
125.3023

■ 144.4720, 28.3613,
96.9331

■ 96.6510, 40.5981,
138.8721

■ 159.9450, 24.1841,
83.3632

■ 176.1190, 20.1543,
69.1786

■ 191.7060, 16.4139,
55.5088

■ 207.7660, 11.9474,
41.4242

■ 223.3530, 8.2070,
27.7544

■ 239.4130, 3.7404,
13.6698

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.



144.8240, 54.3168, 31.7264



128.2980, 32.3911, 111.1177



103.6710, 6.5712, 132.7155

Triad

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



128.2980, 32.3911, 111.1177



131.7040, -64.9301, 12.5376



130.7690, 56.8089, -114.6844

Complementary

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



128.2980, 32.3911, 111.1177



177.7020, -32.3911, -111.1177

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.



123.0340, 24.6332, -107.9008



128.2980, 32.3911, 111.1177



109.7120, -54.0880, -58.5064

Square

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



128.2980, 32.3911, 111.1177



134.1160, -66.1192, 67.4273



111.9250, -10.3160, -98.1582



125.9250, 63.6340, -110.4362

Rectangle

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



128.2980, 32.3911, 111.1177



118.9890, -26.1236, 119.2816



111.9250, -10.3160, -98.1582



128.8480, 46.9099, -112.9997

Sweetspot

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



128.2980, 32.3911, 111.1177



217.1410, 9.7905, 33.2023



91.5980, 80.5572, 15.2616



104.9130, 5.4659, 20.2473



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.



128.2980, 32.3911, 111.1177



102.8630, 39.0145, 133.4241



117.0120, -10.8519, 121.0155



119.9130, 2.0149, 7.0923



72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Inverse Universe

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



128.2980, 32.3911, 111.1177



102.8630, 39.0145, 133.4241



188.9880, 10.8519, -121.0155



119.9130, 2.0149, 7.0923



72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 128.2980, 32.3911, 111.1177 looks on a white background.

Color Contrast Check

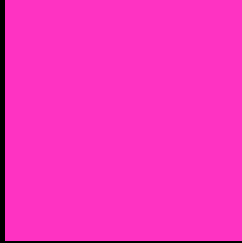
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.2980, 32.3911, 111.1177 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 128.2980, 32.3911, 111.1177 Background



This preview shows how black text looks on a background with the YUV color 128.2980, 32.3911, 111.1177.



This preview shows how white text looks on a background with the YUV color 128.2980, 32.3911, 111.1177.

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

128.2980, 32.3911, 111.1177

Protanopia

137.8610, 57.7495, -42.8511

Deuteranopia

144.5920, 18.9351, -6.6582



Tritanopia

136.1110, -21.2537, 97.2497

Trichromacy



Original Color

128.2980, 32.3911, 111.1177



Protanomaly

134.5090, 48.5561, 12.7086



Deuteranomaly

138.5340, 23.8937, 36.3657



Tritanomaly

133.5950, -1.7723, 102.0872

Monochromacy



Original Color

128.2980, 32.3911, 111.1177



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.0540, 11.8054, 40.2946

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2980, 32.3911, 111.1177 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 194) }
```

Border

The CSS property to change the border of an element to YUV 128.2980, 32.3911, 111.1177 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, 194) }
```


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

```
.border{ border-color:rgb(255, 51, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 128.2980, 32.3911, 111.1177 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, 194) }
```

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

```
.background{ background-color: rgb(255, 51,  
194) }
```

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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