

# Converting Colors

YUV(129.1020, 32.9807,  
108.6585)

Have a look what the booklet for  
YUV(129.1020, 32.9807, 108.6585)  
contains.

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# Color

**YUV(129.1020, 32.9807,  
108.6585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD35C4
RGB	253, 53, 196
RGB Percent	99%, 21%, 77%
CMY	0.0078, 0.7922, 0.2314
CMYK	0.00, 0.79, 0.23, 0.01
HSL	317°, 98%, 60%
HSV	317°, 79%, 99%
XYZ	51.7449, 27.4144, 54.7888
YIQ	129.1020, 73.2970, 86.8730

# Conversions

## Conversions Part 2

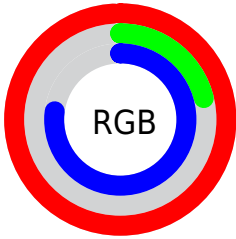
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 53, 196
Decimal	16594372
CIE <sub>Lab</sub>	59.36, 83.46, -29.15
CIE <sub>LCh</sub>	59, 88.404, 340.745
Yxy	27.4144, 0.3863, 0.2047
Android (android.graphics.Color)	4294784452 (0xFFFD35C4)
YUV	129.1020, 32.9807, 108.6585
Hunter-Lab	52.3587, 84.7796, -25.3906

# Details

The YUV color **129.1020, 32.9807, 108.6585** 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 **176.8980, -32.9807, -108.6585**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1140, 37.9048, 69.1830**, and **73.5960, 33.7232, 103.8403** is the 20% darker color. If you saturate the color by 10%, you get **113.6290, 37.1579, 122.2284**, and if you desaturate by 10%, it is **144.5750, 28.8035, 95.0887**.

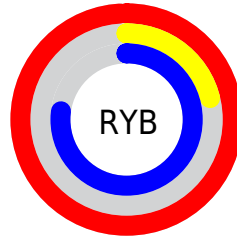
# Distribution



Red (99%)

Green (21%)

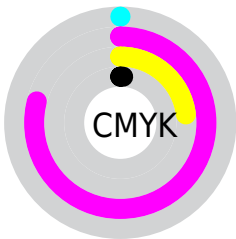
Blue (77%)



Red (99%)

Yellow (21%)

Blue (77%)

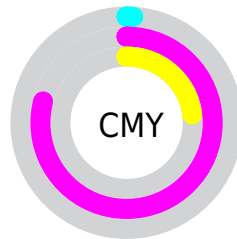


Cyan (0%)

Magenta (79%)

Yellow (23%)

Black (1%)



Cyan (1%)

Magenta (79%)


Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 129.1020, 32.9807, 108.6585 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 129.1020, 32.9807, 108.6585 by changing the saturation by 10% instead.





 129.1020, 32.9807,  
108.6585


 129.1020, 32.9807,  
108.6585


255.0000, 0.0000,  
0.0000


 85.6440, 41.0945,  
119.5842


 176.1140, 37.9048,  
69.1830


 73.5960, 33.7232,  
103.8403


 194.5390, 29.8073,  
53.0243


 61.6620, 26.7886,  
87.9964


 212.1490, 21.1255,  
37.5803

 49.8420, 20.2909,  
72.0526

 230.3460, 12.1544,  
21.6216

 38.1360, 14.2300,  
56.0087

 247.9560, 3.4727,  
6.1776

 27.5550, 8.6004,  
41.6093

 16.0770, 3.4130,

25.3655

■ 0.0000, 0.0000,  
0.0000

■ 129.1020, 32.9807,  
108.6585

■ 129.1020, 32.9807,  
108.6585

■ 113.6290, 37.1579,  
122.2284

■ 144.5750, 28.8035,  
95.0887

■ 97.5690, 41.6245,  
136.3130

■ 160.6350, 24.3369,  
81.0041

■ 96.2810, 41.7665,  
137.4426

■ 176.2220, 20.5966,  
67.3343

■ 191.6950, 16.4194,  
53.7645

■ 207.7550, 11.9528,  
39.6799

■ 223.2280, 7.7756,  
26.1100

■ 238.7010, 3.5984,  
12.5402

254.2880, -0.1420,  
-1.1296

254.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



144.2150, 54.6170, 28.7524



129.1020, 32.9807, 108.6585



103.3120, 7.7342, 133.0304

# Triad

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



129.1020, 32.9807, 108.6585



131.7150, -64.9355, 14.2819



129.9540, 56.2247, -113.9697

# Complementary

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



129.1020, 32.9807, 108.6585



176.8980, -32.9807, -108.6585

# 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.



122.6920, 23.3228, -107.6009



129.1020, 32.9807, 108.6585



111.5060, -54.9725, -54.8178

# Square

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



129.1020, 32.9807, 108.6585



134.1270, -66.1246, 69.1716



111.5830, -11.6264, -97.8583



125.9250, 63.6340, -110.4362



# Rectangle

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



129.1020, 32.9807, 108.6585



118.7440, -24.5238, 119.4965



111.5830, -11.6264, -97.8583



127.9190, 45.8889, -112.1850

# Sweetspot

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



129.1020, 32.9807, 108.6585



217.2550, 10.2273, 33.1024



92.8430, 78.9574, 15.0467



105.0270, 5.9027, 20.1473



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.



129.1020, 32.9807, 108.6585



105.0800, 39.8936, 131.4798



117.7020, -10.6991, 118.6563



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467



# Inverse Universe

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



129.1020, 32.9807, 108.6585



105.0800, 39.8936, 131.4798



188.2980, 10.6991, -118.6563



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467



# Previews

## White Background



This preview shows how the YUV color 129.1020, 32.9807, 108.6585 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

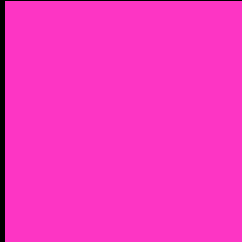
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 129.1020, 32.9807, 108.6585 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

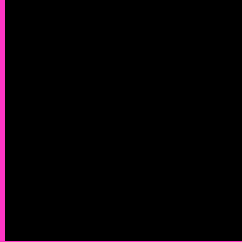
Any Text WCAG AA ✓ Pass

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 129.1020, 32.9807, 108.6585 Background**



This preview shows how black text looks on a background with the YUV color 129.1020, 32.9807, 108.6585.



This preview shows how white text looks on a background with the YUV color 129.1020, 32.9807, 108.6585.



# 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

129.1020, 32.9807, 108.6585

### Protanopia

137.5620, 57.8969, -43.4659

### Deuteranopia

144.2220, 20.1036, -8.0877



## Tritanopia

136.2140, -20.8115, 95.4053

# Trichromacy



## Original Color

129.1020, 32.9807, 108.6585



## Protanomaly

134.3240, 49.1403, 11.9939



## Deuteranomaly

138.7510, 24.7728, 34.4214



## Tritanomaly

133.6980, -1.3301, 100.2429

# Monochromacy



## Original Color

129.1020, 32.9807, 108.6585



## Achromatopsia

129.0000, 0.0000, 0.0000



## Achromatomaly

128.7550, 11.9528, 39.6799

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.1020, 32.9807, 108.6585 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(253, 53, 196)` looks like.

```
.text, #text, p{  
    color:rgb(253, 53, 196)  
}
```

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(253, 53, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 53, 196) }
```

## Border

The CSS property to change the border of an element to YUV 129.1020, 32.9807, 108.6585 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(253, 53, 196) }
```



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

```
.border{ border-color:rgb(253, 53, 196) }
```

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

Here you see how a box with a 4 pixel rgb(253, 53, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 53, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 53, 196);  
box-shadow:4px 4px 4px 4px rgb(253, 53,  
196) }
```

# Background

The CSS property to change the background color of an element to YUV 129.1020, 32.9807, 108.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 53, 196) }
```

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

```
.background{ background-color: rgb(253, 53,  
196) }
```

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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