

# Converting Colors

YUV(148.5350, 32.7672,  
83.7228)

Have a look what the booklet for  
YUV(148.5350, 32.7672, 83.7228)  
contains.

<b>YUV(148.5350, 32.7672, 83.7228)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(148.5350, 32.7672,  
83.7228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F457D7
RGB	244, 87, 215
RGB Percent	96%, 34%, 84%
CMY	0.0431, 0.6588, 0.1569
CMYK	0.00, 0.64, 0.12, 0.04
HSL	311°, 88%, 65%
HSV	311°, 64%, 96%
XYZ	52.9822, 30.9558, 67.4726
YIQ	148.5350, 52.4840, 73.0920

# Conversions

## Conversions Part 2

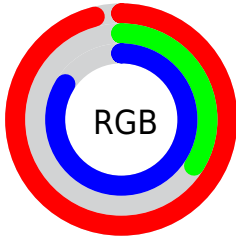
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 87, 215
Decimal	16013271
CIE <sub>Lab</sub>	62.47, 73.26, -35.22
CIE <sub>LCh</sub>	62, 81.288, 334.327
Yxy	30.9558, 0.3499, 0.2044
Android (android.graphics.Color)	4294203351 (0xFFFF457D7)
YUV	148.5350, 32.7672, 83.7228
Hunter-Lab	55.6379, 72.6133, -32.9549

# Details

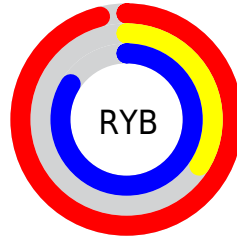
The YUV color **148.5350, 32.7672, 83.7228** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **182.4650, -32.7672, -83.7228**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0170, 31.5436, 56.1131**, and **75.0170, 41.8966, 95.5781** is the 20% darker color. If you saturate the color by 10%, you get **133.8770, 37.5286, 96.5779**, and if you desaturate by 10%, it is **163.1930, 28.0059, 70.8677**.

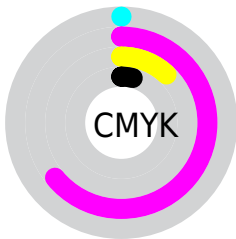
# Distribution



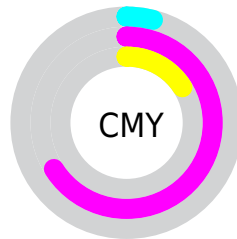
- Red (96%)
- Green (34%)
- Blue (84%)



- Red (96%)
- Yellow (34%)
- Blue (84%)



- Cyan (0%)
- Magenta (64%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (66%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 148.5350, 32.7672, 83.7228 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 148.5350, 32.7672, 83.7228 by changing the saturation by 10% instead.





 148.5350, 32.7672,  
83.7228


 148.5350, 32.7672,  
83.7228


255.0000, 0.0000,  
0.0000


 117.5890, 34.2196,  
84.5524


 191.0170, 31.5436,  
56.1131


 75.0170, 41.8966,  
95.5781


 208.0400, 23.1513,  
41.1839


 61.5070, 35.2460,  
81.9934

 225.6500, 14.4696,  
25.7400

 49.9860, 28.6009,  
66.6643

 243.2600, 5.7878,  
10.2960

 38.7640, 21.8083,  
51.9500

 27.9550, 15.3052,  
37.7505

 17.0750, 9.8230,

22.7362

■ 1.3680, 5.2416,  
-1.1997

■ 0.0000, 0.0000,  
0.0000

■ 148.5350, 32.7672,  
83.7228

■ 148.5350, 32.7672,  
83.7228

■ 133.8770, 37.5286,  
96.5779

■ 163.1930, 28.0059,  
70.8677

■ 118.7460, 43.0162,  
109.8478

■ 178.3240, 22.5183,  
57.5979

■ 104.0880, 47.7776,  
122.7028

■ 192.9820, 17.7569,  
44.7428

■ 95.6420, 50.9555,  
130.1100

■ 208.1130, 12.2693,  
31.4729

222.7710, 7.5079,  
18.6178

237.3150, 2.3097,  
5.8627

250.7990, -1.8729,  
-5.9627

251.2550, -0.1257,  
-6.3626

251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



151.1710, 51.1877, 8.6200



148.5350, 32.7672, 83.7228



129.6420, 7.0785, 109.9390

# Triad

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



148.5350, 32.7672, 83.7228



140.3640, -69.1995, 28.6218



133.1680, 48.2312, -116.7883

# Complementary

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



148.5350, 32.7672, 83.7228



182.4650, -32.7672, -83.7228

# 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.



125.6610, 16.9291, -110.2047



148.5350, 32.7672, 83.7228



128.2060, -63.2056, -27.3677

# Square

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



148.5350, 32.7672, 83.7228



140.9710, -69.4987, 78.0784



114.6490, -15.1100, -100.5472



131.7950, 60.7401, -115.5842



# Rectangle

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



148.5350, 32.7672, 83.7228



131.3280, -16.9237, 108.4603



114.6490, -15.1100, -100.5472



131.2470, 38.3322, -115.1036

# Sweetspot

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



148.5350, 32.7672, 83.7228



225.7980, 9.9596, 25.6102



113.5690, 64.3025, 2.1320



109.7060, 6.0609, 16.0438



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.



148.5350, 32.7672, 83.7228



135.8440, 40.9959, 104.4998



139.6430, -1.3030, 91.5211



114.7280, 2.5991, 6.3775



72.9420, 38.9756, 99.1519



23.1130, 12.2693, 31.4729



# Inverse Universe

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



148.5350, 32.7672, 83.7228



135.8440, 40.9959, 104.4998



191.3570, 1.3030, -91.5211



114.7280, 2.5991, 6.3775



72.9420, 38.9756, 99.1519



23.1130, 12.2693, 31.4729



# Previews

## White Background



This preview shows how the YUV color 148.5350, 32.7672, 83.7228 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

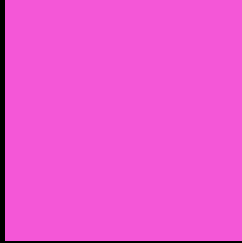
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 148.5350, 32.7672, 83.7228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

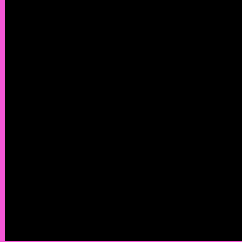
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 148.5350, 32.7672, 83.7228

## Background



This preview shows how black text looks on a background with the YUV color 148.5350, 32.7672, 83.7228.



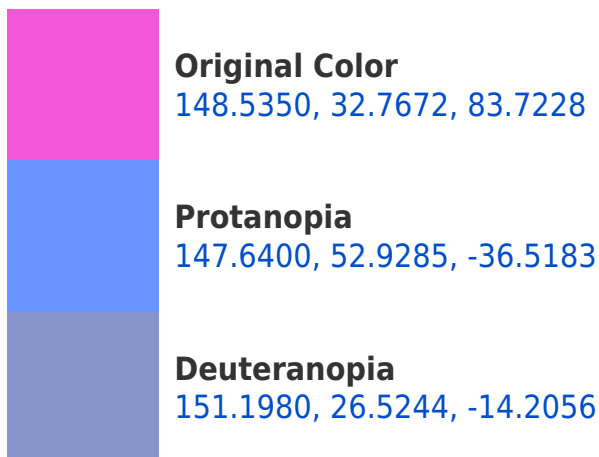
This preview shows how white text looks on a background with the YUV color 148.5350, 32.7672, 83.7228.



# 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





## Tritanopia

150.0910, -14.3419, 73.5882

# Trichromacy



## Original Color

148.5350, 32.7672, 83.7228



## Protanomaly

147.9660, 45.3728, 7.0458



## Deuteranomaly

150.1130, 29.0313, 21.8259



## Tritanomaly

149.8800, 2.5242, 77.2812

# Monochromacy



## Original Color

148.5350, 32.7672, 83.7228



## Achromatopsia

149.0000, 0.0000, 0.0000



## Achromatomaly

148.7000, 11.9799, 30.9581

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.5350, 32.7672, 83.7228 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(244, 87, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 87, 215)  
}
```

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(244, 87, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 87, 215) }
```

## Border

The CSS property to change the border of an element to YUV 148.5350, 32.7672, 83.7228 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(244, 87, 215) }
```



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

```
.border{ border-color:rgb(244, 87, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 87, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 87, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 87, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 87,  
215) }
```

# Background

The CSS property to change the background color of an element to YUV 148.5350, 32.7672, 83.7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 87, 215) }
```

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

```
.background{ background-color: rgb(244, 87,  
215) }
```

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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