

# Converting Colors

YUV(128.0840, 36.9336,  
100.7813)

Have a look what the booklet for  
YUV(128.0840, 36.9336, 100.7813)  
contains.

<b>YUV(128.0840, 36.9336, 100.7813)</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(128.0840, 36.9336,  
100.7813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F337CB
RGB	243, 55, 203
RGB Percent	95%, 22%, 80%
CMY	0.0471, 0.7843, 0.2039
CMYK	0.00, 0.77, 0.16, 0.05
HSL	313°, 89%, 58%
HSV	313°, 77%, 95%
XYZ	49.1078, 26.0989, 58.9492
YIQ	128.0840, 64.5400, 85.8840

# Conversions

## Conversions Part 2

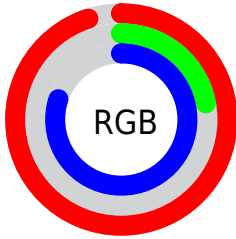
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	243, 55, 203
Decimal	15939531
CIE <sub>Lab</sub>	58.13, 81.68, -35.19
CIE <sub>LCh</sub>	58, 88.942, 336.691
Yxy	26.0989, 0.3661, 0.1945
Android (android.graphics.Color)	4294129611 (0xFFFF337CB)
YUV	128.0840, 36.9336, 100.7813
Hunter-Lab	51.0870, 82.1822, -32.6537

# Details

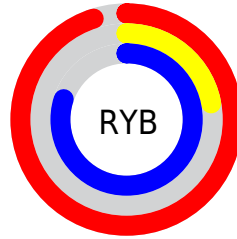
The YUV color **128.0840, 36.9336, 100.7813** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **169.9160, -36.9336, -100.7813**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3420, 38.7784, 68.9831**, and **71.2900, 37.8180, 97.0927** is the 20% darker color. If you saturate the color by 10%, you get **113.4260, 41.6950, 113.6364**, and if you desaturate by 10%, it is **142.7420, 32.1722, 87.9263**.

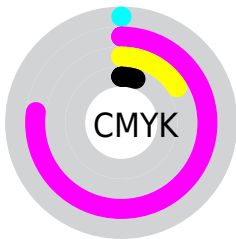
# Distribution



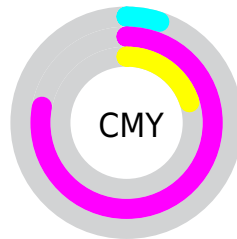
- Red (95%)
- Green (22%)
- Blue (80%)



- Red (95%)
- Yellow (22%)
- Blue (80%)



- Cyan (0%)
- Magenta (77%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (78%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.0840, 36.9336, 100.7813 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 128.0840, 36.9336, 100.7813 by changing the saturation by 10% instead.





 128.0840, 36.9336,  
100.7813


 128.0840, 36.9336,  
100.7813

255.0000, 0.0000,  
0.0000


 83.3380, 45.1894,  
112.8366


 176.3420, 38.7784,  
68.9831


 71.2900, 37.8180,  
97.0927


 194.5390, 29.8073,  
53.0243

 59.6550, 30.7361,  
81.8636


 212.1490, 21.1255,  
37.5803

 47.8350, 24.2383,  
65.9197

 229.7590, 12.4438,  
22.1364

 36.7270, 17.8826,  
51.1054

 247.3690, 3.7621,  
6.6924

 26.0320, 11.8162,  
36.8059

 14.5540, 6.6289,

20.5621

■ 0.0000, 0.0000,  
0.0000

■ 128.0840, 36.9336,  
100.7813

■ 128.0840, 36.9336,  
100.7813

■ 113.4260, 41.6950,  
113.6364

■ 142.7420, 32.1722,  
87.9263

■ 98.1810, 46.7458,  
127.0063

■ 157.9870, 27.1214,  
74.5564

■ 94.4310, 47.6085,  
130.2950

■ 172.7590, 22.7968,  
61.6014

■ 187.4170, 18.0354,  
48.7463

■ 202.0750, 13.2740,  
35.8912

217.3200, 8.2232,  
22.5214

231.9780, 3.4618,  
9.6663

246.6360, -1.2995,  
-3.1888

250.8420, -0.4151,  
-6.8774

# Harmonies

## Analogous

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



139.9960, 56.6970, 14.9125



128.0840, 36.9336, 100.7813



90.6090, 17.4478, 144.1709

# Triad

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



128.0840, 36.9336, 100.7813



129.4000, -63.7942, 21.5742



127.4120, 51.5619, -111.7403

# Complementary

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



128.0840, 36.9336, 100.7813



169.9160, -36.9336, -100.7813

# 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.



118.7480, 18.3652, -104.1420



128.0840, 36.9336, 100.7813



113.3550, -55.8840, -42.4073

# Square

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



128.0840, 36.9336, 100.7813



130.6270, -64.3991, 75.7491



107.5250, -17.0208, -94.2994



125.3380, 63.9234, -109.9214



# Rectangle

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



128.0840, 36.9336, 100.7813



110.6230, -17.5621, 126.6186



107.5250, -17.0208, -94.2994



124.6760, 41.0787, -109.3409

# Sweetspot

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



128.0840, 36.9336, 100.7813



218.9990, 11.8325, 31.5729



87.7940, 76.5166, 4.5657



105.9560, 6.9237, 19.3326



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.



128.0840, 36.9336, 100.7813



110.1810, 46.7458, 127.0063



117.5960, -3.2518, 109.9793



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729



# Inverse Universe

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



128.0840, 36.9336, 100.7813



110.1810, 46.7458, 127.0063



180.4040, 3.2518, -109.9793



114.7280, 2.5991, 6.3775



72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729



# Previews

## White Background



This preview shows how the YUV color 128.0840, 36.9336, 100.7813 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

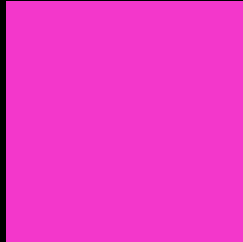
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 128.0840, 36.9336, 100.7813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

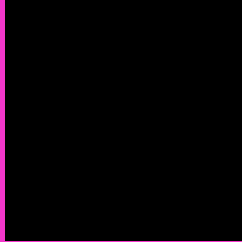
Any Text WCAG AA ✓ Pass

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 128.0840, 36.9336, 100.7813 Background**



This preview shows how black text looks on a background with the YUV color 128.0840, 36.9336, 100.7813.



This preview shows how white text looks on a background with the YUV color 128.0840, 36.9336, 100.7813.



# 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

128.0840, 36.9336, 100.7813

### Protanopia

133.1210, 60.0863, -45.7101

### Deuteranopia

139.9700, 25.6508, -14.0057



## Tritanopia

134.8430, -18.1636, 86.0837

# Trichromacy



## Original Color

128.0840, 36.9336, 100.7813



## Protanomaly

131.5730, 51.4825, 7.3905



## Deuteranomaly

135.6730, 29.7412, 27.4738



## Tritanomaly

132.7400, 1.6072, 91.4360

# Monochromacy



## Original Color

128.0840, 36.9336, 100.7813



## Achromatopsia

128.0000, 0.0000, 0.0000



## Achromatomaly

127.7870, 13.4160, 37.0208

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.0840, 36.9336, 100.7813 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(243, 55, 203)` looks like.

```
.text, #text, p{  
    color:rgb(243, 55, 203)  
}
```

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(243, 55, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 55, 203) }
```

## Border

The CSS property to change the border of an element to YUV 128.0840, 36.9336, 100.7813 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(243, 55, 203) }
```



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

```
.border{ border-color:rgb(243, 55, 203) }
```

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

Here you see how a box with a 4 pixel rgb(243, 55, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 55, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 55, 203);  
box-shadow:4px 4px 4px 4px rgb(243, 55,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 128.0840, 36.9336, 100.7813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 55, 203) }
```

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

```
.background{ background-color: rgb(243, 55,  
203) }
```

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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