

Converting Colors

YUV(112.6880, 37.6218,
113.4066)

Have a look what the booklet for
YUV(112.6880, 37.6218, 113.4066)
contains.

YUV(112.6880, 37.6218, 113.4066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.6880, 37.6218,
113.4066)**

Conversions

Conversions Part 1

Format	Color
Hex	F220BD
RGB	242, 32, 189
RGB Percent	95%, 13%, 74%
CMY	0.0510, 0.8745, 0.2588
CMYK	0.00, 0.87, 0.22, 0.05
HSL	315°, 89%, 54%
HSV	315°, 87%, 95%
XYZ	46.3198, 23.5844, 50.2550
YIQ	112.6880, 74.7630, 93.3470

Conversions

Conversions Part 2

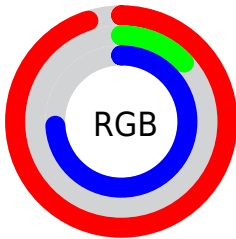
Format	Color
R _Y B	242, 32, 189
Decimal	15868093
CIE Lab	55.67, 84.55, -30.99
CIE LCh	56, 90.054, 339.868
Yxy	23.5844, 0.3855, 0.1963
Android (android.graphics.Color)	4294058173 (0xFFFF220BD)
YUV	112.6880, 37.6218, 113.4066
Hunter-Lab	48.5638, 85.2654, -27.3602

Details

The YUV color **112.6880, 37.6218, 113.4066** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **161.3120, -37.6218, -113.4066**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6850, 38.6093, 76.5753**, and **69.5090, 32.2871, 97.7776** is the 20% darker color. If you saturate the color by 10%, you get **97.9160, 41.9464, 126.3617**, and if you desaturate by 10%, it is **127.4600, 33.2972, 100.4516**.

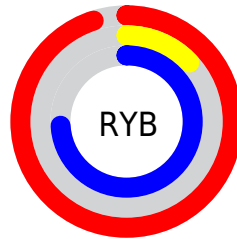
Distribution



Red (95%)

Green (13%)

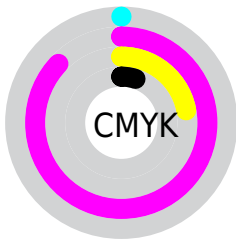
Blue (74%)



Red (95%)

Yellow (13%)

Blue (74%)

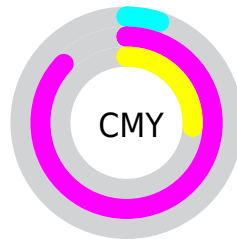


Cyan (0%)

Magenta (87%)

Yellow (22%)

Black (5%)



Cyan (5%)


Magenta (87%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.6880, 37.6218, 113.4066 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 112.6880, 37.6218, 113.4066 by changing the saturation by 10% instead.


 112.6880, 37.6218,
113.4066


 112.6880, 37.6218,
113.4066


255.0000, 0.0000,
0.0000


 81.5570, 39.6584,
113.5215


 167.6850, 38.6093,
76.5753


 69.5090, 32.2871,
97.7776


 186.9080, 33.5694,
59.7167


 57.6890, 25.7893,
81.8337

 205.1050, 24.5982,
43.7579

 45.8690, 19.2916,
65.8899

 222.7150, 15.9165,
28.3139

 34.4620, 13.0832,
50.4608

 240.9120, 6.9454,
12.3552

 23.5820, 7.6011,
35.4466

 11.8760, 1.5401,

19.4027

■ 0.0000, 0.0000,
0.0000

■ 112.6880, 37.6218,
113.4066

■ 112.6880, 37.6218,
113.4066

■ 97.9160, 41.9464,
126.3617

■ 127.4600, 33.2972,
100.4516

■ 92.9920, 43.3879,
130.6800

■ 142.2320, 28.9726,
87.4965

■ 157.5910, 24.3586,
74.0267

■ 172.3630, 20.0340,
61.0716

■ 187.2490, 16.1462,
48.0166

202.0210, 11.8216,
35.0616

216.7930, 7.4971,
22.1065

232.1520, 2.8831,
8.6367

246.9240, -1.4415,
-4.3183

Harmonies

Analogous

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



134.7460, 59.2852, 24.7788



112.6880, 37.6218, 113.4066



88.8990, 10.8958, 145.6706

Triad

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



112.6880, 37.6218, 113.4066



123.1540, -60.7149, 13.8969



123.4170, 54.0244, -108.2367

Complementary

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



112.6880, 37.6218, 113.4066



161.3120, -37.6218, -113.4066

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.



115.4540, 20.9752, -101.2532



112.6880, 37.6218, 113.4066



101.4500, -50.0149, -58.2767

Square

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



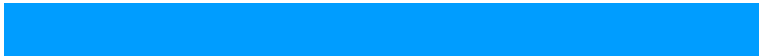
112.6880, 37.6218, 113.4066



124.9790, -61.6146, 69.3014



103.6440, -14.1215, -90.8958



121.2290, 65.9491, -106.3178

Rectangle

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



112.6880, 37.6218, 113.4066



104.9180, -21.6516, 131.6219



103.6440, -14.1215, -90.8958



120.7950, 43.9781, -105.9372

Sweetspot

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



112.6880, 37.6218, 113.4066



214.3200, 11.6742, 35.6764



71.4880, 84.0624, 10.9730



103.3800, 7.2077, 21.5917



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.



112.6880, 37.6218, 113.4066



98.0190, 45.8396, 137.6723



100.7180, -8.2420, 123.9043



112.6140, 2.1623, 6.4775



70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Inverse Universe

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



112.6880, 37.6218, 113.4066



98.0190, 45.8396, 137.6723



173.1680, 7.8052, -123.8043



112.6140, 2.1623, 6.4775



70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 112.6880, 37.6218, 113.4066 looks on a white background.

Color Contrast Check

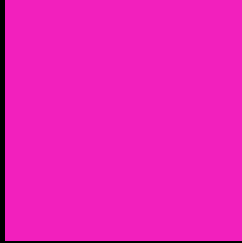
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6880, 37.6218, 113.4066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

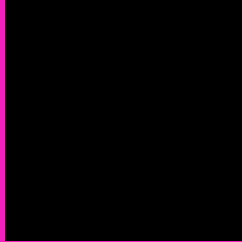
Any Text WCAG AA ✓ Pass

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 112.6880, 37.6218, 113.4066 Background



This preview shows how black text looks on a background with the YUV color 112.6880, 37.6218, 113.4066.



This preview shows how white text looks on a background with the YUV color 112.6880, 37.6218, 113.4066.

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

112.6880, 37.6218, 113.4066

Protanopia

124.5160, 64.3286, -53.0725

Deuteranopia

134.4390, 20.9826, -10.0320



Tritanopia

125.5020, -20.9535, 94.2757

Trichromacy



Original Color

112.6880, 37.6218, 113.4066



Protanomaly

120.0830, 54.6821, 7.8202



Deuteranomaly

126.6200, 26.8093, 34.5363



Tritanomaly

120.8660, 0.5591, 100.9725

Monochromacy



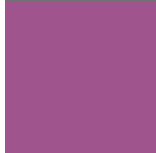
Original Color

112.6880, 37.6218, 113.4066



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

113.2220, 13.6946, 41.0243

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6880, 37.6218, 113.4066 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(242, 32, 189)` looks like.

```
.text, #text, p{  
    color:rgb(242, 32, 189)  
}
```

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(242, 32, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 32, 189) }
```

Border

The CSS property to change the border of an element to YUV 112.6880, 37.6218, 113.4066 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(242, 32, 189) }
```


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

```
.border{ border-color:rgb(242, 32, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 32, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 32, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 32, 189);  
box-shadow:4px 4px 4px 4px rgb(242, 32,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 112.6880, 37.6218, 113.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 32, 189) }
```

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

```
.background{ background-color: rgb(242, 32,  
189) }
```

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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