

Converting Colors

YUV(128.8290, 16.8463,
103.6360)

Have a look what the booklet for
YUV(128.8290, 16.8463, 103.6360)
contains.

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Color

**YUV(128.8290, 16.8463,
103.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	F73EA3
RGB	247, 62, 163
RGB Percent	97%, 24%, 64%
CMY	0.0314, 0.7569, 0.3608
CMYK	0.00, 0.75, 0.34, 0.03
HSL	327°, 92%, 61%
HSV	327°, 75%, 97%
XYZ	46.6913, 25.8637, 37.1816
YIQ	128.8290, 77.8390, 70.6310

Conversions

Conversions Part 2

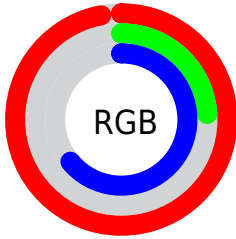
Format	Color
R_{YB}	247, 62, 163
Decimal	16203427
CIE _{Lab}	57.91, 75.95, -12.37
CIE _{LCh}	58, 76.953, 350.752
Yxy	25.8637, 0.4255, 0.2357
Android (android.graphics.Color)	4294393507 (0xFFFF73EA3)
YUV	128.8290, 16.8463, 103.6360
Hunter-Lab	50.8564, 74.8821, -7.7480

Details

The YUV color **128.8290, 16.8463, 103.6360** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **180.1710, -16.8463, -103.6360**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4720, 21.4593, 70.6231**, and **68.2680, 21.0669, 103.2510** is the 20% darker color. If you saturate the color by 10%, you get **112.9000, 19.2763, 117.6057**, and if you desaturate by 10%, it is **144.7580, 14.4163, 89.6662**.

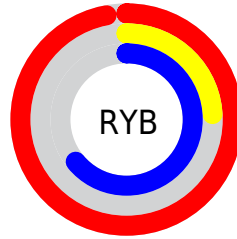
Distribution



Red (97%)

Green (24%)

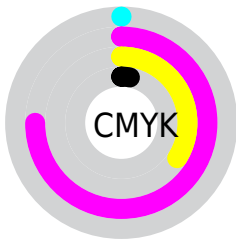
Blue (64%)



Red (97%)

Yellow (24%)

Blue (64%)

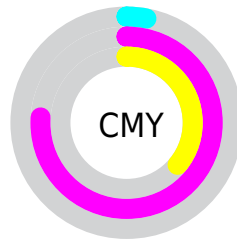


Cyan (0%)

Magenta (75%)

Yellow (34%)

Black (3%)



Cyan (3%)

Magenta (76%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.8290, 16.8463, 103.6360 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 128.8290, 16.8463, 103.6360 by changing the saturation by 10% instead.

128.8290, 16.8463,
103.6360

128.8290, 16.8463,
103.6360

255.0000, 0.0000,
0.0000

88.4200, 23.9499,
111.8877

174.4720, 21.4593,
70.6231

68.2680, 21.0669,
103.2510

195.2740, 25.0079,
52.3797

56.2630, 15.1533,
86.5923

213.9100, 20.2574,
36.0359

44.9700, 9.3818,
71.0633

231.5200, 11.5756,
20.5920

33.4920, 4.1944,
54.8195

249.1300, 2.8939,
5.1480

23.0250, -0.9983,
40.3201

11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 128.8290, 16.8463,
103.6360

■ 128.8290, 16.8463,
103.6360

■ 112.9000, 19.2763,
117.6057

■ 144.7580, 14.4163,
89.6662

■ 97.5580, 21.4169,
131.0606

■ 160.1000, 12.2757,
76.2113

■ 89.2430, 22.5582,
138.3529

■ 176.1430, 10.2825,
62.1416

■ 192.0720, 7.8525,
48.1719

■ 208.0010, 5.4225,
34.2021

■ 223.3430, 3.2819,
20.7472

■ 239.3860, 1.2887,
6.6775

■ 252.3800, 0.3057,
-4.7183

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



141.2040, 41.3114, 49.8101



128.8290, 16.8463, 103.6360



124.7570, -14.1772, 114.2231

Triad

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



128.8290, 16.8463, 103.6360



125.1260, -61.6871, -0.9875



124.5570, 58.3924, -109.2365

Complementary

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



128.8290, 16.8463, 103.6360



180.1710, -16.8463, -103.6360

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.



120.2930, 31.9006, -105.4970



128.8290, 16.8463, 103.6360



100.1100, -27.6622, -87.7965

Square

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



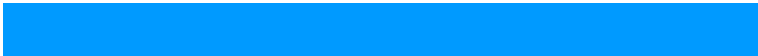
128.8290, 16.8463, 103.6360



131.0380, -64.6017, 47.3247



111.1390, 1.9035, -97.4689



119.4680, 66.8173, -104.7734

Rectangle

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



128.8290, 16.8463, 103.6360



128.8820, -37.4098, 99.2045



111.1390, 1.9035, -97.4689



123.7930, 50.3881, -108.5665

Sweetspot

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



128.8290, 16.8463, 103.6360



219.2780, 5.2859, 31.3282



107.9070, 68.5728, 32.5306



106.2180, 2.8505, 19.1028



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.



128.8290, 16.8463, 103.6360



108.1340, 21.1329, 128.8015



118.3410, -23.3391, 112.8339



114.3860, 1.2887, 6.6775



67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Inverse Universe

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



128.8290, 16.8463, 103.6360



108.1340, 21.1329, 128.8015



190.6590, 23.3391, -112.8339



114.3860, 1.2887, 6.6775



67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 128.8290, 16.8463, 103.6360 looks on a white background.

Color Contrast Check

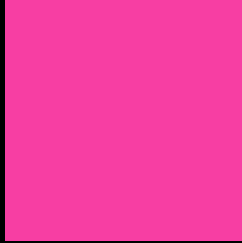
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.8290, 16.8463, 103.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

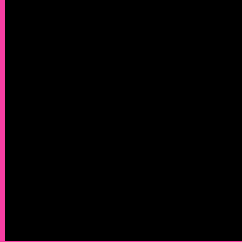
Any Text WCAG AA ✓ Pass

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 128.8290, 16.8463, 103.6360 Background



This preview shows how black text looks on a background with the YUV color 128.8290, 16.8463, 103.6360.



This preview shows how white text looks on a background with the YUV color 128.8290, 16.8463, 103.6360.

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

128.8290, 16.8463, 103.6360

Protanopia

138.4170, 37.7554, -23.1677

Deuteranopia

141.2270, 5.8041, 5.0629



Tritanopia

131.6980, -21.5431, 96.7349

Trichromacy



Original Color

128.8290, 16.8463, 103.6360



Protanomaly

135.0530, 30.0469, 22.7555



Deuteranomaly

136.5980, 10.0582, 40.6946



Tritanomaly

130.6780, -7.7293, 99.3834

Monochromacy



Original Color

128.8290, 16.8463, 103.6360



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

129.1370, 5.8485, 37.5909

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8290, 16.8463, 103.6360 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(247, 62, 163)` looks like.

```
.text, #text, p{  
    color:rgb(247, 62, 163)  
}
```

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(247, 62, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 62, 163) }
```

Border

The CSS property to change the border of an element to YUV 128.8290, 16.8463, 103.6360 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(247, 62, 163) }
```


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

```
.border{ border-color:rgb(247, 62, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 62, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 62, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 62, 163);  
box-shadow:4px 4px 4px 4px rgb(247, 62,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 128.8290, 16.8463, 103.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 62, 163) }
```

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

```
.background{ background-color: rgb(247, 62,  
163) }
```

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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