

Converting Colors

YUV(103.8340, 19.3088,
107.1396)

Have a look what the booklet for
YUV(103.8340, 19.3088, 107.1396)
contains.

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Color

**YUV(103.8340, 19.3088,
107.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	E2228F
RGB	226, 34, 143
RGB Percent	89%, 13%, 56%
CMY	0.1137, 0.8667, 0.4392
CMYK	0.00, 0.85, 0.37, 0.11
HSL	326°, 77%, 51%
HSV	326°, 85%, 89%
XYZ	36.8940, 19.2960, 27.7666
YIQ	103.8340, 79.4430, 74.6030

Conversions

Conversions Part 2

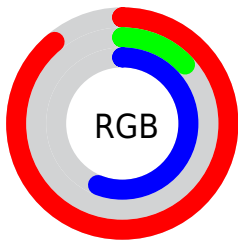
Format	Color
R_{YB}	226, 34, 143
Decimal	14819983
CIE _{Lab}	51.03, 75.80, -11.26
CIE _{LCh}	51, 76.635, 351.553
Yxy	19.2960, 0.4394, 0.2298
Android (android.graphics.Color)	4293010063 (0xFFE2228F)
YUV	103.8340, 19.3088, 107.1396
Hunter-Lab	43.9272, 73.0477, -6.7284

Details

The YUV color **103.8340, 19.3088, 107.1396** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **156.1660, -19.3088, -107.1396**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3380, 18.0744, 83.0186**, and **59.9370, 16.3001, 92.1403** is the 20% darker color. If you saturate the color by 10%, you get **89.1930, 21.5969, 119.9797**, and if you desaturate by 10%, it is **118.4750, 17.0208, 94.2994**.

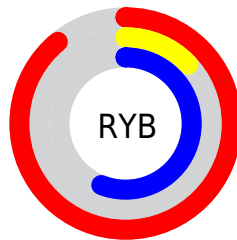
Distribution



Red (89%)

Green (13%)

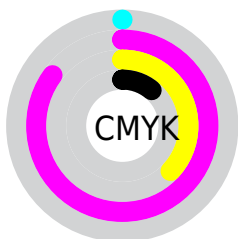
Blue (56%)



Red (89%)

Yellow (13%)

Blue (56%)

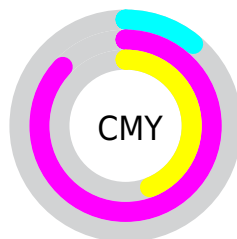


Cyan (0%)

Magenta (85%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (87%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.8340, 19.3088, 107.1396 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 103.8340, 19.3088, 107.1396 by changing the saturation by 10% instead.


 103.8340, 19.3088,
107.1396


 103.8340, 19.3088,
107.1396


255.0000, 0.0000,
0.0000


 71.6430, 22.3610,
108.1841

 160.3380, 18.0744,
83.0186


 59.9370, 16.3001,
92.1403

 181.1400, 21.6230,
64.7752

 48.2310, 10.2391,
76.0964


 201.9420, 25.1716,
46.5319

 36.7530, 5.0518,
59.8526

 219.1930, 17.6529,
31.4027

 26.4000, 0.2958,
45.2532

 236.8030, 8.9711,
15.9588

 14.5800, -6.2019,
29.3093

 0.0000, 0.0000,

0.0000

■ 103.8340, 19.3088,
107.1396

■ 103.8340, 19.3088,
107.1396

■ 89.1930, 21.5969,
119.9797

■ 118.4750, 17.0208,
94.2994

■ 82.1660, 22.5962,
126.1424

■ 132.5290, 15.0222,
81.9741

■ 147.0560, 12.2974,
69.2339

■ 161.1100, 10.2988,
56.9085

■ 175.7510, 8.0108,
44.0684

■ 190.3920, 5.7227,
31.2282

■ 204.3320, 3.2873,
19.0028

■ 218.9730, 0.9993,
6.1627

■ 233.0270, -0.9993,
-6.1627

Harmonies

Analogous

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



122.2750, 40.2904, 50.6248



103.8340, 19.3088, 107.1396



101.7400, -11.7038, 114.2380

Triad

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



103.8340, 19.3088, 107.1396



108.2810, -53.3825, -4.6314



111.2380, 55.5917, -97.5557

Complementary

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



103.8340, 19.3088, 107.1396



156.1660, -19.3088, -107.1396

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.



106.6150, 30.2628, -93.5014



103.8340, 19.3088, 107.1396



87.0190, -29.5894, -76.3157

Square

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



103.8340, 19.3088, 107.1396



114.4810, -56.4391, 42.5512



98.2760, 0.8499, -86.1881



108.0870, 71.4421, -94.7923

Rectangle

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



103.8340, 19.3088, 107.1396



109.5010, -36.2360, 96.0306



98.2760, 0.8499, -86.1881



110.5880, 48.0241, -96.9857

Sweetspot

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



103.8340, 19.3088, 107.1396



214.2400, 6.2907, 35.7465



79.8080, 72.0727, 29.9864



103.1690, 3.8607, 21.7768



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.



103.8340, 19.3088, 107.1396



92.7750, 25.7469, 142.2713



93.2320, -21.3134, 116.4375



104.9730, 0.9993, 6.1627



64.0240, 17.7362, 98.2030



17.5440, 5.1548, 26.7099

Inverse Universe

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



103.8340, 19.3088, 107.1396



92.7750, 25.7469, 142.2713



166.7680, 21.3134, -116.4375



104.9730, 0.9993, 6.1627



64.0240, 17.7362, 98.2030



17.5440, 5.1548, 26.7099

Previews

White Background



This preview shows how the YUV color 103.8340, 19.3088, 107.1396 looks on a white background.

Color Contrast Check

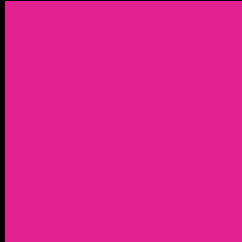
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.8340, 19.3088, 107.1396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

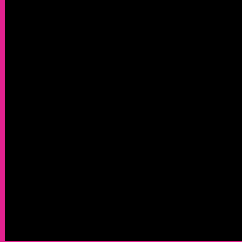
Any Text WCAG AA ✓ Pass

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 103.8340, 19.3088, 107.1396 Background



This preview shows how black text looks on a background with the YUV color 103.8340, 19.3088, 107.1396.



This preview shows how white text looks on a background with the YUV color 103.8340, 19.3088,

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

103.8340, 19.3088, 107.1396

Protanopia

120.3350, 38.7818, -25.7268

Deuteranopia

123.5860, 4.6411, 4.7481



Tritanopia

110.5840, -21.9799, 96.8348

Trichromacy



Original Color

103.8340, 19.3088, 107.1396



Protanomaly

114.5090, 31.7941, 22.3556



Deuteranomaly

116.3100, 10.2002, 41.8241



Tritanomaly

107.9170, -6.8611, 100.9278

Monochromacy



Original Color

103.8340, 19.3088, 107.1396



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.0770, 6.8640, 38.5205

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8340, 19.3088, 107.1396 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(226, 34, 143)` looks like.

```
.text, #text, p{  
    color:rgb(226, 34, 143)  
}
```

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(226, 34, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 34, 143) }
```

Border

The CSS property to change the border of an element to YUV 103.8340, 19.3088, 107.1396 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(226, 34, 143) }
```


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

```
.border{ border-color:rgb(226, 34, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 34, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 34, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 34, 143);  
box-shadow:4px 4px 4px 4px rgb(226, 34,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 103.8340, 19.3088, 107.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 34, 143) }
```

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

```
.background{ background-color: rgb(226, 34,  
143) }
```

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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