

Converting Colors

YUV(90.9700, 43.3988,
127.1913)

Have a look what the booklet for
YUV(90.9700, 43.3988, 127.1913)
contains.

YUV(90.9700, 43.3988, 127.1913)	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>	30

Color

**YUV(90.9700, 43.3988,
127.1913)**

Conversions

Conversions Part 1

Format	Color
Hex	EC00B3
RGB	236, 0, 179
RGB Percent	93%, 0%, 70%
CMY	0.0745, 1.0000, 0.2980
CMYK	0.00, 1.00, 0.24, 0.07
HSL	314°, 100%, 46%
HSV	314°, 100%, 93%
XYZ	42.7288, 21.0875, 44.4661
YIQ	90.9700, 83.1970, 105.7010

Conversions

Conversions Part 2

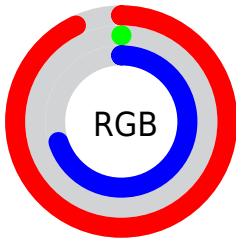
Format	Color
R_{YB}	236, 0, 179
Decimal	15466675
CIE _{Lab}	53.05, 85.42, -29.34
CIE _{LCh}	53, 90.318, 341.043
Yxy	21.0875, 0.3946, 0.1947
Android (android.graphics.Color)	4293656755 (0xFFEC00B3)
YUV	90.9700, 43.3988, 127.1913
Hunter-Lab	45.9212, 85.7287, -25.2665

Details

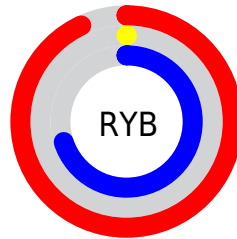
The YUV color **90.9700, 43.3988, 127.1913** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **145.0300, -43.3988, -127.1913**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5610, 36.6984, 82.8230**, and **66.6890, 29.2403, 94.9887** is the 20% darker color. If you saturate the color by 10%, you get **90.9700, 43.3988, 127.1913**, and if you desaturate by 10%, it is **105.7420, 39.0742, 114.2363**.

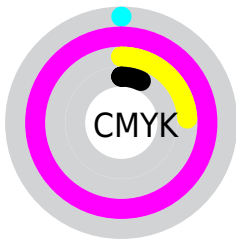
Distribution



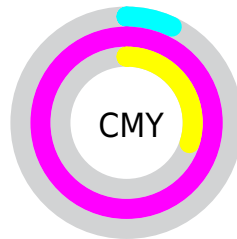
- Red (93%)
- Green (0%)
- Blue (70%)



- Red (93%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.9700, 43.3988, 127.1913 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 90.9700, 43.3988, 127.1913 by changing the saturation by 10% instead.


 90.9700, 43.3988,
127.1913


 90.9700, 43.3988,
127.1913


255.0000, 0.0000,
0.0000


 78.6230, 36.1749,
110.8326


 160.5610, 36.6984,
82.8230


 66.6890, 29.2403,
94.9887


 181.6250, 36.1739,
64.3499

 54.8690, 22.7426,
79.0449

 199.2350, 27.4921,
48.9059

 43.0490, 16.2448,
63.1010

 217.4320, 18.5210,
32.9471

 32.0550, 10.3259,
48.1868

 235.0420, 9.8393,
17.5032

 20.5770, 5.1385,
31.9430

 253.2390, 0.8682,

 7.5890, -3.2484,

1.5444

15.2694

■ 0.0000, 0.0000,
0.0000

■ 90.9700, 43.3988,
127.1913

■ 105.7420, 39.0742,
114.2363

■ 119.8130, 34.6022,
101.8960

■ 134.5850, 30.2776,
88.9410

■ 148.7700, 26.2424,
76.5007

■ 163.4280, 21.4810,
63.6456

■ 178.2000, 17.1564,
50.6906

■ 192.3850, 13.1212,
38.2504

■ 207.1570, 8.7966,
25.2953

■ 221.2280, 4.3246,
12.9550

Harmonies

Analogous

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



127.5400, 58.4008, 28.4674



90.9700, 43.3988, 127.1913



87.8730, 6.9646, 146.5704

Triad

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



90.9700, 43.3988, 127.1913



116.3430, -57.3571, 10.2232



118.1510, 54.1556, -103.6184

Complementary

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



90.9700, 43.3988, 127.1913



145.0300, -43.3988, -127.1913

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.



110.4160, 21.9799, -96.8348



90.9700, 43.3988, 127.1913



87.1750, -42.9773, -75.5755

Square

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



90.9700, 43.3988, 127.1913



118.7550, -58.5462, 65.1129



99.1930, -13.4061, -86.9923



116.5330, 68.2642, -102.1994

Rectangle

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



90.9700, 43.3988, 127.1913



94.4670, -20.9362, 135.5254



99.1930, -13.4061, -86.9923



116.2300, 44.2566, -101.9337

Sweetspot

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



90.9700, 43.3988, 127.1913



208.3360, 14.1314, 40.9243



43.3490, 94.9769, 10.2179



99.6300, 8.0704, 24.8805



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.



90.9700, 43.3988, 127.1913



98.2470, 46.7132, 137.4724



77.7460, -7.2698, 138.7888



110.2010, 1.8729, 5.9627



69.7370, 33.1607, 97.5777



20.8200, 9.9487, 29.0989

Inverse Universe

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



90.9700, 43.3988, 127.1913



98.2470, 46.7132, 137.4724



158.2540, 7.2698, -138.7888



110.2010, 1.8729, 5.9627



69.7370, 33.1607, 97.5777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 90.9700, 43.3988, 127.1913 looks on a white background.

Color Contrast Check

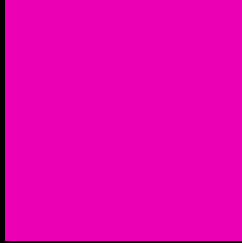
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.9700, 43.3988, 127.1913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

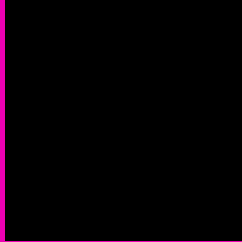
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 90.9700, 43.3988, 127.1913

Background



This preview shows how black text looks on a background with the YUV color 90.9700, 43.3988, 127.1913.



This preview shows how white text looks on a background with the YUV color 90.9700, 43.3988,

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



Protanopia

114.9000, 68.5763, -62.1793

Deuteranopia

128.6950, 19.3774, -8.5025

Tritanopia

118.2850, -21.8325, 96.2201

Trichromacy



Protanomaly

106.3370, 59.4869, 6.7205

Deuteranomaly

115.0060, 28.0980, 41.2137

Tritanomaly

108.2520, 1.8478, 107.6500

Monochromacy



Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.1240, 15.7149, 46.3723

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9700, 43.3988, 127.1913 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(236, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(236, 0, 179)  
}
```

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(236, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 0, 179) }
```

Border

The CSS property to change the border of an element to YUV 90.9700, 43.3988, 127.1913 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(236, 0, 179) }
```

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

```
.border{ border-color:rgb(236, 0, 179) }
```

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

Here you see how a box with a 4 pixel rgb(236, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(236, 0,  
179) }
```


Background

The CSS property to change the background color of an element to YUV 90.9700, 43.3988, 127.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 0, 179) }
```

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

```
.background{ background-color: rgb(236, 0,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor