

Converting Colors

YUV(95.9000, 19.2763,
117.6057)

Have a look what the booklet for
YUV(95.9000, 19.2763, 117.6057)
contains.

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Color

**YUV(95.9000, 19.2763,
117.6057)**

Conversions

Conversions Part 1

Format	Color
Hex	E61487
RGB	230, 20, 135
RGB Percent	90%, 8%, 53%
CMY	0.0980, 0.9216, 0.4706
CMYK	0.00, 0.91, 0.41, 0.10
HSL	327°, 84%, 49%
HSV	327°, 91%, 90%
XYZ	37.2565, 19.0726, 24.6394
YIQ	95.9000, 88.2450, 80.2850

Conversions

Conversions Part 2

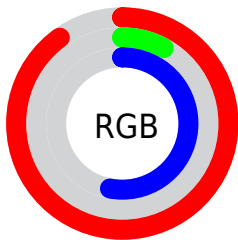
Format	Color
R_{YB}	230, 20, 135
Decimal	15078535
CIE _{Lab}	50.77, 78.11, -6.75
CIE _{LCh}	51, 78.405, 355.059
Yxy	19.0726, 0.4601, 0.2356
Android (android.graphics.Color)	4293268615 (0xFFE61487)
YUV	95.9000, 19.2763, 117.6057
Hunter-Lab	43.6722, 75.8510, -2.8803

Details

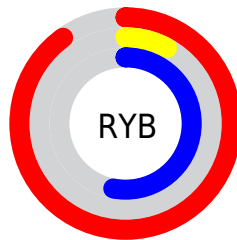
The YUV color **95.9000, 19.2763, 117.6057** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **154.1000, -19.2763, -117.6057**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7900, 15.8795, 87.0072**, and **59.9220, 12.3635, 94.7844** is the 20% darker color. If you saturate the color by 10%, you get **83.1340, 21.1329, 128.8015**, and if you desaturate by 10%, it is **110.5410, 16.9883, 104.7655**.

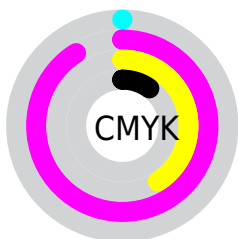
Distribution



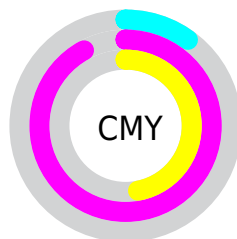
- Red (90%)
- Green (8%)
- Blue (53%)



- Red (90%)
- Yellow (8%)
- Blue (53%)



- Cyan (0%)
- Magenta (91%)
- Yellow (41%)
- Black (10%)



- Cyan (10%)
- Magenta (92%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.9000, 19.2763, 117.6057 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 95.9000, 19.2763, 117.6057 by changing the saturation by 10% instead.


 95.9000, 19.2763,
117.6057


 95.9000, 19.2763,
117.6057

255.0000, 0.0000,
0.0000


 72.0410, 18.7138,
111.3430

 155.7900, 15.8795,
87.0072

 59.9220, 12.3635,
94.7844

 177.1790, 19.1388,
68.2490


 48.3300, 6.7393,
78.6406


 197.9810, 22.6874,
50.0057

 36.9660, 1.9888,
62.2968

 216.8450, 18.8104,
33.4619

 26.2000, -3.0566,
47.1826

 234.4550, 10.1287,
18.0180

 14.8790, -6.3493,
29.9241

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 95.9000, 19.2763,
117.6057

■ 95.9000, 19.2763,
117.6057

■ 83.1340, 21.1329,
128.8015

■ 110.5410, 16.9883,
104.7655

■ 125.2960, 15.1371,
91.8254

■ 139.9370, 12.8491,
78.9853

■ 154.6920, 10.9978,
66.0451

■ 169.3330, 8.7098,
53.2050

■ 183.9740, 6.4218,
40.3648

■ 198.7290, 4.5706,
27.4247

■ 213.3700, 2.2826,
14.5845

■ 228.1250, 0.4314,
1.6444

Harmonies

Analogous

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



119.4010, 39.2423, 60.1613



95.9000, 19.2763, 117.6057



100.1270, -15.3456, 115.6526

Triad

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



95.9000, 19.2763, 117.6057



106.1660, -52.3398, -12.4236



111.4490, 58.9386, -97.7408

Complementary

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



95.9000, 19.2763, 117.6057



154.1000, -19.2763, -117.6057

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.



107.5270, 33.7572, -94.3012



95.9000, 19.2763, 117.6057



88.4040, -26.8212, -77.5303

Square

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



95.9000, 19.2763, 117.6057



113.5620, -55.9861, 37.2181



99.0740, 3.9075, -86.8879



107.1410, 72.8945, -93.9627

Rectangle

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



95.9000, 19.2763, 117.6057



108.2960, -42.0509, 94.4564



99.0740, 3.9075, -86.8879



110.7990, 51.3711, -97.1707

Sweetspot

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



95.9000, 19.2763, 117.6057



210.9630, 6.4272, 38.6204



72.3450, 77.7239, 37.4084



101.7670, 3.5659, 23.0063



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.



95.9000, 19.2763, 117.6057



92.2050, 23.5629, 142.7712



83.9300, -26.5875, 128.1034



107.3860, 1.2887, 6.6775



64.6930, 16.4204, 100.2472



18.4410, 4.7126, 28.5542

Inverse Universe

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



95.9000, 19.2763, 117.6057



92.2050, 23.5629, 142.7712



165.9560, 26.1507, -128.0034



107.3860, 1.2887, 6.6775



64.6930, 16.4204, 100.2472



18.4410, 4.7126, 28.5542

Previews

White Background



This preview shows how the YUV color 95.9000, 19.2763, 117.6057 looks on a white background.

Color Contrast Check

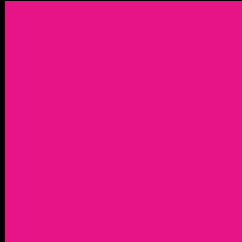
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.9000, 19.2763, 117.6057 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 95.9000, 19.2763, 117.6057

Background



This preview shows how black text looks on a background with the YUV color 95.9000, 19.2763, 117.6057.



This preview shows how white text looks on a background with the YUV color 95.9000, 19.2763,

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

95.9000, 19.2763, 117.6057

Protanopia

120.7330, 35.1346, -22.5678

Deuteranopia

122.9840, 0.9939, 7.9070



Tritanopia

106.9440, -24.6224, 104.4121

Trichromacy



Original Color

95.9000, 19.2763, 117.6057



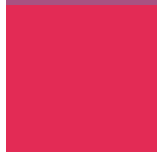
Protanomaly

111.8580, 29.1570, 28.1885



Deuteranomaly

113.0720, 7.8525, 48.1719



Tritanomaly

102.8040, -8.7774, 108.9199

Monochromacy



Original Color

95.9000, 19.2763, 117.6057



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

95.8110, 6.9952, 43.1388

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9000, 19.2763, 117.6057 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(230, 20, 135)` looks like.

```
.text, #text, p{  
  color:rgb(230, 20, 135)  
}
```

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(230, 20, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 20, 135) }
```

Border

The CSS property to change the border of an element to YUV 95.9000, 19.2763, 117.6057 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(230, 20, 135) }
```


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

```
.border{ border-color:rgb(230, 20, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 20, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 20, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 20, 135);  
box-shadow:4px 4px 4px 4px rgb(230, 20,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 95.9000, 19.2763, 117.6057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 20, 135) }
```

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

```
.background{ background-color: rgb(230, 20,  
135) }
```

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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