

Converting Colors

YUV(94.9990, 15.7765,
120.1499)

Have a look what the booklet for
YUV(94.9990, 15.7765, 120.1499)
contains.

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Color

**YUV(94.9990, 15.7765,
120.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	E8137F
RGB	232, 19, 127
RGB Percent	91%, 7%, 50%
CMY	0.0902, 0.9255, 0.5020
CMYK	0.00, 0.92, 0.45, 0.09
HSL	330°, 85%, 49%
HSV	330°, 92%, 91%
XYZ	37.3423, 19.1539, 21.8076
YIQ	94.9990, 92.2800, 78.7440

Conversions

Conversions Part 2

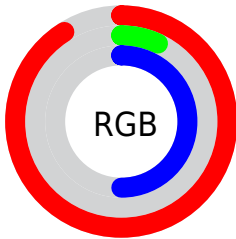
Format	Color
R_{YB}	232, 19, 127
Decimal	15209343
CIE _{Lab}	50.87, 77.99, -1.73
CIE _{LCh}	51, 78.006, 358.730
Yxy	19.1539, 0.4769, 0.2446
Android (android.graphics.Color)	4293399423 (0xFFE8137F)
YUV	94.9990, 15.7765, 120.1499
Hunter-Lab	43.7651, 75.7152, 1.0922

Details

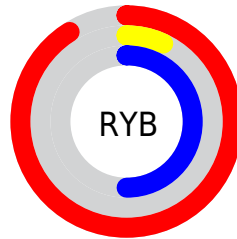
The YUV color **94.9990, 15.7765, 120.1499** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **156.0010, -15.7765, -120.1499**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8780, 12.3851, 87.8070**, and **59.7220, 9.0111, 96.7138** is the 20% darker color. If you saturate the color by 10%, you get **82.8200, 17.3437, 130.8309**, and if you desaturate by 10%, it is **109.7540, 13.9253, 107.2097**.

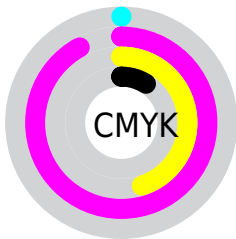
Distribution



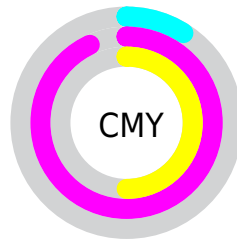
- Red (91%)
- Green (7%)
- Blue (50%)



- Red (91%)
- Yellow (7%)
- Blue (50%)



- Cyan (0%)
- Magenta (92%)
- Yellow (45%)
- Black (9%)





- Cyan (9%)
- Magenta (93%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9990, 15.7765, 120.1499 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 94.9990, 15.7765, 120.1499 by changing the saturation by 10% instead.

 94.9990, 15.7765,
120.1499


 94.9990, 15.7765,
120.1499

255.0000, 0.0000,
0.0000


 71.7270, 14.9246,
113.3724


 154.8780, 12.3851,
87.8070


 59.7220, 9.0111,
96.7138


 176.1530, 15.2076,
69.1488

 47.9450, 3.9711,
79.8552


 196.9550, 18.7562,
50.9055

 36.5810, -0.7794,
63.5115

 216.8450, 18.8104,
33.4619

 25.5870, -6.6984,
48.5972

 234.4550, 10.1287,
18.0180

 14.8790, -6.3493,
29.9241

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 94.9990, 15.7765,
120.1499

■ 94.9990, 15.7765,
120.1499

■ 82.8200, 17.3437,
130.8309

■ 109.7540, 13.9253,
107.2097

■ 124.6230, 12.5109,
94.1696

■ 139.9650, 10.3703,
80.7147

■ 154.8340, 8.9558,
67.6746

■ 169.5890, 7.1046,
54.7344

■ 184.4580, 5.6902,
41.6943

■ 199.2130, 3.8390,
28.7542

■ 214.5550, 1.6984,
15.2993

■ 229.4240, 0.2840,
2.2592

Harmonies

Analogous

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



117.9460, 36.0156, 68.4534



94.9990, 15.7765, 120.1499



102.8400, -20.1341, 111.5193

Triad

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



94.9990, 15.7765, 120.1499



104.0620, -51.3026, -18.4714



111.9050, 60.6858, -98.1407

Complementary

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



94.9990, 15.7765, 120.1499



156.0010, -15.7765, -120.1499

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.



108.4390, 37.2516, -95.1010



94.9990, 15.7765, 120.1499



90.2450, -22.3058, -79.1449

Square

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



94.9990, 15.7765, 120.1499



114.1160, -56.2592, 31.4703



100.6870, 7.5493, -88.3025



105.9670, 73.4733, -92.9331

Rectangle

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



94.9990, 15.7765, 120.1499



109.3680, -48.0024, 90.0083



100.6870, 7.5493, -88.3025



111.4830, 53.9919, -97.7706

Sweetspot

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



94.9990, 15.7765, 120.1499



209.3330, 5.2588, 40.0500



74.0790, 77.8551, 42.0267



99.6640, 3.1236, 24.8507



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.



94.9990, 15.7765, 120.1499



90.9510, 18.7582, 143.8710



83.1430, -29.6505, 130.5476



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Inverse Universe

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



94.9990, 15.7765, 120.1499



90.9510, 18.7582, 143.8710



167.8570, 29.6505, -130.5476



107.2720, 0.8519, 6.7775



63.8950, 13.3628, 100.9471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 94.9990, 15.7765, 120.1499 looks on a white background.

Color Contrast Check

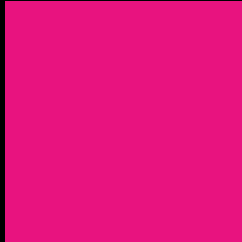
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9990, 15.7765, 120.1499 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 94.9990, 15.7765, 120.1499

Background



This preview shows how black text looks on a background with the YUV color 94.9990, 15.7765, 120.1499.



This preview shows how white text looks on a background with the YUV color 94.9990, 15.7765,

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

94.9990, 15.7765, 120.1499

Protanopia

121.5720, 29.2980, -17.1646

Deuteranopia

123.2680, -3.0901, 11.1660



Tritanopia

105.4390, -25.3594, 107.4860

Trichromacy



Original Color

94.9990, 15.7765, 120.1499



Protanomaly

111.6260, 24.3414, 32.7770



Deuteranomaly

113.0570, 3.9159, 50.8160



Tritanomaly

101.7720, -10.2406, 111.5790

Monochromacy



Original Color

94.9990, 15.7765, 120.1499



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.8820, 5.9742, 43.9535

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9990, 15.7765, 120.1499 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(232, 19, 127)` looks like.

```
.text, #text, p{  
    color:rgb(232, 19, 127)  
}
```

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(232, 19, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 19, 127) }
```

Border

The CSS property to change the border of an element to YUV 94.9990, 15.7765, 120.1499 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(232, 19, 127) }
```


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

```
.border{ border-color:rgb(232, 19, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 19, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 19, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 19, 127); box-shadow:4px 4px 4px 4px rgb(232, 19, 127) }
```

Background

The CSS property to change the background color of an element to YUV 94.9990, 15.7765, 120.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 19, 127) }
```

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

```
.background{ background-color: rgb(232, 19,  
127) }
```

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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