

Converting Colors

YUV(96.7170, 13.4505,
119.5202)

Have a look what the booklet for
YUV(96.7170, 13.4505, 119.5202)
contains.

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Color

**YUV(96.7170, 13.4505,
119.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	E9167C
RGB	233, 22, 124
RGB Percent	91%, 9%, 49%
CMY	0.0863, 0.9137, 0.5137
CMYK	0.00, 0.91, 0.47, 0.09
HSL	331°, 83%, 50%
HSV	331°, 91%, 91%
XYZ	37.5293, 19.3527, 20.8262
YIQ	96.7170, 93.0140, 76.4540

Conversions

Conversions Part 2

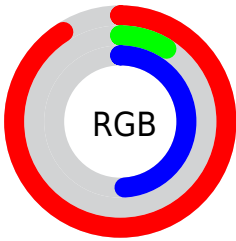
Format	Color
R_{YB}	233, 22, 124
Decimal	15275644
CIE _{Lab}	51.10, 77.60, 0.45
CIE _{LCh}	51, 77.604, 0.333
Yxy	19.3527, 0.4830, 0.2490
Android (android.graphics.Color)	4293465724 (0xFFE9167C)
YUV	96.7170, 13.4505, 119.5202
Hunter-Lab	43.9917, 75.2927, 2.7256

Details

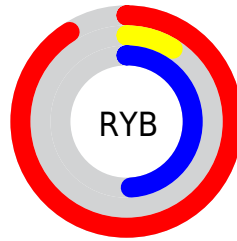
The YUV color **96.7170, 13.4505, 119.5202** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **158.2830, -13.4505, -119.5202**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0090, 10.3486, 87.6921**, and **59.7930, 7.9901, 97.5285** is the 20% darker color. If you saturate the color by 10%, you get **82.5490, 15.0123, 131.9455**, and if you desaturate by 10%, it is **111.5860, 12.0361, 106.4801**.

Distribution



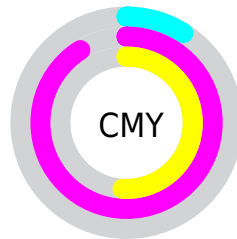
- Red (91%)
- Green (9%)
- Blue (49%)



- Red (91%)
- Yellow (9%)
- Blue (49%)



- Cyan (0%)
- Magenta (91%)
- Yellow (47%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.7170, 13.4505, 119.5202 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 96.7170, 13.4505, 119.5202 by changing the saturation by 10% instead.


 96.7170, 13.4505,
119.5202


 96.7170, 13.4505,
119.5202


255.0000, 0.0000,
0.0000


 71.6840, 13.4668,
114.2871


 155.0090, 10.3486,
87.6921


 59.7930, 7.9901,
97.5285


 176.3980, 13.6078,
68.9340

 47.9020, 2.5133,
80.7699


 197.2000, 17.1564,
50.6906

 36.5380, -2.2372,
64.4262

 217.4320, 18.5210,
32.9471

 25.1310, -8.4456,
48.9971

 235.0420, 9.8393,
17.5032

 14.8790, -6.3493,
29.9241

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 96.7170, 13.4505,
119.5202

■ 96.7170, 13.4505,
119.5202

■ 82.5490, 15.0123,
131.9455

■ 111.5860, 12.0361,
106.4801

■ 127.0420, 10.3323,
92.9252

■ 141.9110, 8.9179,
79.8851

■ 156.7800, 7.5035,
66.8449

■ 172.2360, 5.7997,
53.2900

■ 187.1050, 4.3852,
40.2499

■ 201.9740, 2.9708,
27.2098

■ 216.8430, 1.5564,
14.1697

■ 232.2990, -0.1474,
0.6148

Harmonies

Analogous

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



118.0280, 34.9892, 71.0124



96.7170, 13.4505, 119.5202



105.1340, -22.7441, 108.6305

Triad

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



96.7170, 13.4505, 119.5202



104.3390, -51.4391, -21.3453



112.1330, 61.5594, -98.3406

Complementary

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



96.7170, 13.4505, 119.5202



158.2830, -13.4505, -119.5202

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.



109.3680, 38.2726, -95.9157



96.7170, 13.4505, 119.5202



90.8150, -20.1218, -79.6448

Square

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



96.7170, 13.4505, 119.5202



113.8060, -56.1064, 29.1111



101.2570, 9.7333, -88.8024



105.3800, 73.7627, -92.4183

Rectangle

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



96.7170, 13.4505, 119.5202



110.2600, -50.9072, 88.3490



101.2570, 9.7333, -88.8024



111.8250, 55.3023, -98.0705

Sweetspot

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



96.7170, 13.4505, 119.5202



210.3930, 4.2433, 39.1203



77.7480, 76.5392, 44.0710



101.4250, 2.2555, 23.3063



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.



96.7170, 13.4505, 119.5202



90.2670, 16.1374, 144.4708



85.0890, -31.1029, 129.7179



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766



19.1100, 3.3968, 30.5985

Inverse Universe

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



96.7170, 13.4505, 119.5202



90.2670, 16.1374, 144.4708



169.9110, 31.1029, -129.7179



109.8590, 0.5625, 6.2627



64.1510, 11.7576, 102.4766



19.1100, 3.3968, 30.5985

Previews

White Background



This preview shows how the YUV color 96.7170, 13.4505, 119.5202 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 96.7170, 13.4505, 119.5202 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 96.7170, 13.4505, 119.5202

Background



This preview shows how black text looks on a background with the YUV color 96.7170, 13.4505, 119.5202.



This preview shows how white text looks on a background with the YUV color 96.7170, 13.4505,

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

96.7170, 13.4505, 119.5202

Protanopia

122.6000, 26.8192, -15.4352

Deuteranopia

123.5240, -4.6953, 12.6955



Tritanopia

105.0370, -25.6542, 108.7156

Trichromacy



Original Color

96.7170, 13.4505, 119.5202



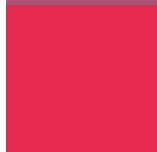
Protanomaly

113.3550, 22.0100, 33.8917



Deuteranomaly

113.9000, 2.0213, 51.8307



Tritanomaly

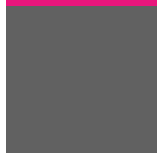
101.8430, -11.2616, 112.3937

Monochromacy



Original Color

96.7170, 13.4505, 119.5202



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.9420, 4.9586, 43.0239

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7170, 13.4505, 119.5202 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(233, 22, 124)` looks like.

```
.text, #text, p{  
    color:rgb(233, 22, 124)  
}
```

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(233, 22, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 22, 124) }
```

Border

The CSS property to change the border of an element to YUV 96.7170, 13.4505, 119.5202 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(233, 22, 124) }
```


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

```
.border{ border-color:rgb(233, 22, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 22, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 22, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 22, 124);  
box-shadow:4px 4px 4px 4px rgb(233, 22,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 96.7170, 13.4505, 119.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 22, 124) }
```

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

```
.background{ background-color: rgb(233, 22,  
124) }
```

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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