

Converting Colors

YUV(99.2950, 23.5186,
110.2433)

Have a look what the booklet for
YUV(99.2950, 23.5186, 110.2433)
contains.

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Color

**YUV(99.2950, 23.5186,
110.2433)**

Conversions

Conversions Part 1

Format	Color
Hex	E11A93
RGB	225, 26, 147
RGB Percent	88%, 10%, 58%
CMY	0.1176, 0.8980, 0.4235
CMYK	0.00, 0.88, 0.35, 0.12
HSL	324°, 79%, 49%
HSV	324°, 88%, 88%
XYZ	36.6872, 18.8529, 29.3091
YIQ	99.2950, 79.7630, 79.8190

Conversions

Conversions Part 2

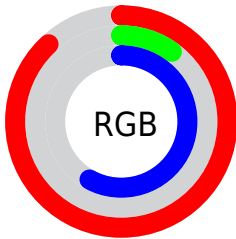
Format	Color
R_{YB}	225, 26, 147
Decimal	14752403
CIE _{Lab}	50.51, 77.35, -14.45
CIE _{LCh}	51, 78.689, 349.415
Yxy	18.8529, 0.4324, 0.2222
Android (android.graphics.Color)	4292942483 (0xFFE11A93)
YUV	99.2950, 23.5186, 110.2433
Hunter-Lab	43.4200, 74.8366, -9.6277

Details

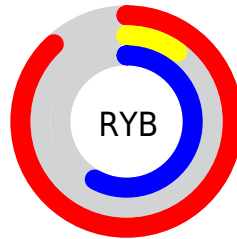
The YUV color **99.2950, 23.5186, 110.2433** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **151.7050, -23.5186, -110.2433**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4460, 20.9791, 84.6779**, and **59.9800, 17.7579, 91.2255** is the 20% darker color. If you saturate the color by 10%, you get **84.7680, 26.2434, 122.9835**, and if you desaturate by 10%, it is **113.8220, 20.7938, 97.5031**.

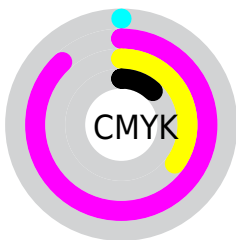
Distribution



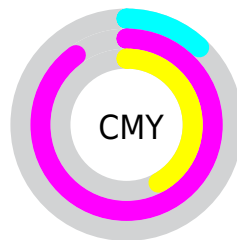
- Red (88%)
- Green (10%)
- Blue (58%)



- Red (88%)
- Yellow (10%)
- Blue (58%)



- Cyan (0%)
- Magenta (88%)
- Yellow (35%)
- Black (12%)





- Cyan (12%)
- Magenta (90%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2950, 23.5186, 110.2433 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 99.2950, 23.5186, 110.2433 by changing the saturation by 10% instead.


 99.2950, 23.5186,
110.2433


 99.2950, 23.5186,
110.2433


255.0000, 0.0000,
0.0000


 71.8000, 24.2556,
107.1694

 158.4460, 20.9791,
84.6779


 59.9800, 17.7579,
91.2255

 179.8350, 24.2383,
65.9197

 48.3880, 12.1337,
75.0817


 199.8220, 27.2028,
48.3911

 37.0950, 6.3622,
59.5527

 217.4320, 18.5210,
32.9471

 26.4430, 1.7536,
44.3385

 235.0420, 9.8393,
17.5032

 14.2810, -6.0545,
28.6946

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 99.2950, 23.5186,
110.2433

■ 99.2950, 23.5186,
110.2433

■ 84.7680, 26.2434,
122.9835

■ 113.8220, 20.7938,
97.5031

■ 82.8930, 26.6748,
124.6278

■ 127.7620, 18.3583,
85.2777

■ 142.1750, 15.1967,
72.6375

■ 156.1150, 12.7613,
60.4121

■ 170.6420, 10.0365,
47.6720

■ 184.5820, 7.6011,
35.4466

■ 199.1090, 4.8763,
22.7064

■ 213.0490, 2.4408,
10.4810

■ 226.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



120.4640, 43.6482, 46.9511



99.2950, 23.5186, 110.2433



95.0490, -6.9262, 121.8600

Triad

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



99.2950, 23.5186, 110.2433



107.7050, -53.0986, -2.3723



111.0100, 54.7181, -97.3558

Complementary

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



99.2950, 23.5186, 110.2433



151.7050, -23.5186, -110.2433

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.



106.0450, 28.0788, -93.0015



99.2950, 23.5186, 110.2433



84.6080, -36.2887, -74.2012

Square

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



99.2950, 23.5186, 110.2433



113.6170, -56.0132, 45.9399



96.8910, -1.9183, -84.9734



108.7880, 71.5895, -95.4071

Rectangle

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



99.2950, 23.5186, 110.2433



106.1040, -34.0683, 100.7638



96.8910, -1.9183, -84.9734



109.6590, 47.0031, -96.1709

Sweetspot

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



99.2950, 23.5186, 110.2433



211.4190, 8.1744, 38.2205



71.4100, 75.7199, 26.8274



102.1090, 4.8763, 22.7064



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.



99.2950, 23.5186, 110.2433



93.9150, 30.1149, 141.2715



88.1230, -19.2876, 120.0411



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Inverse Universe

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



99.2950, 23.5186, 110.2433



93.9150, 30.1149, 141.2715



162.8770, 19.2876, -120.0411



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 99.2950, 23.5186, 110.2433 looks on a white background.

Color Contrast Check

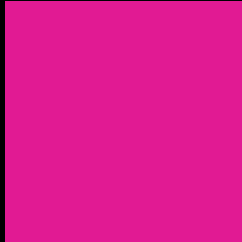
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.2950, 23.5186, 110.2433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

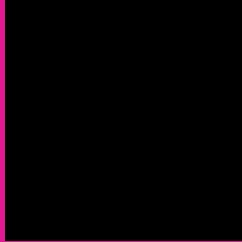
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 99.2950, 23.5186, 110.2433

Background



This preview shows how black text looks on a background with the YUV color 99.2950, 23.5186, 110.2433.



This preview shows how white text looks on a background with the YUV color 99.2950, 23.5186,

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

99.2950, 23.5186, 110.2433

Protanopia

117.6810, 44.0343, -30.4152

Deuteranopia

122.2590, 7.2673, 2.4039



Tritanopia

109.4700, -22.4167, 96.9348

Trichromacy



Original Color

99.2950, 23.5186, 110.2433



Protanomaly

111.3500, 36.3095, 20.7411



Deuteranomaly

114.1080, 13.2578, 41.1243



Tritanomaly

105.8570, -5.8455, 101.8574

Monochromacy



Original Color

99.2950, 23.5186, 110.2433



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

98.8430, 8.4584, 40.4797

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2950, 23.5186, 110.2433 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(225, 26, 147)` looks like.

```
.text, #text, p{  
    color:rgb(225, 26, 147)  
}
```

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(225, 26, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 26, 147) }
```

Border

The CSS property to change the border of an element to YUV 99.2950, 23.5186, 110.2433 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(225, 26, 147) }
```


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

```
.border{ border-color:rgb(225, 26, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 26, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 26, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 26, 147);  
box-shadow:4px 4px 4px 4px rgb(225, 26,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 99.2950, 23.5186, 110.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 26, 147) }
```

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

```
.background{ background-color: rgb(225, 26,  
147) }
```

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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