

Converting Colors

YUV(101.1110, 22.6233,
117.4207)

Have a look what the booklet for
YUV(101.1110, 22.6233, 117.4207)
contains.

YUV(101.1110, 22.6233, 117.4207)	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>	31

Color

**YUV(101.1110, 22.6233,
117.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	EB1893
RGB	235, 24, 147
RGB Percent	92%, 9%, 58%
CMY	0.0784, 0.9059, 0.4235
CMYK	0.00, 0.90, 0.37, 0.08
HSL	325°, 84%, 51%
HSV	325°, 90%, 92%
XYZ	39.8540, 20.4220, 29.4451
YIQ	101.1110, 86.2730, 82.9850

Conversions

Conversions Part 2

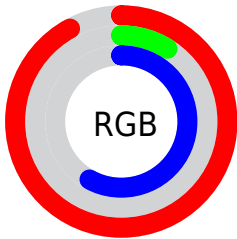
Format	Color
R_{YB}	235, 24, 147
Decimal	15407251
CIE _{Lab}	52.31, 79.79, -11.56
CIE _{LCh}	52, 80.627, 351.759
Yxy	20.4220, 0.4442, 0.2276
Android (android.graphics.Color)	4293597331 (0xFFEB1893)
YUV	101.1110, 22.6233, 117.4207
Hunter-Lab	45.1907, 78.3367, -6.9983

Details

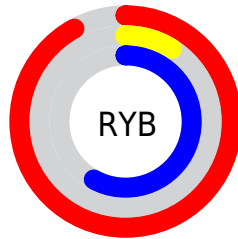
The YUV color **101.1110, 22.6233, 117.4207** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **157.8890, -22.6233, -117.4207**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0330, 20.6897, 84.1631**, and **62.6710, 16.4312, 96.7585** is the 20% darker color. If you saturate the color by 10%, you get **85.8830, 25.2007, 130.7756**, and if you desaturate by 10%, it is **116.3390, 20.0459, 104.0657**.

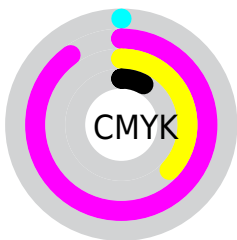
Distribution



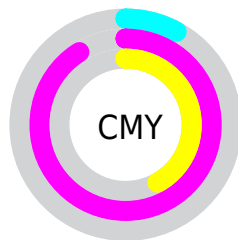
- Red (92%)
- Green (9%)
- Blue (58%)



- Red (92%)
- Yellow (9%)
- Blue (58%)



- Cyan (0%)
- Magenta (90%)
- Yellow (37%)
- Black (8%)





- Cyan (8%)
- Magenta (91%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1110, 22.6233, 117.4207 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 101.1110, 22.6233, 117.4207 by changing the saturation by 10% instead.


 101.1110, 22.6233,
117.4207

 101.1110, 22.6233,
117.4207


255.0000, 0.0000,
0.0000


 74.7900, 22.7815,
113.3172


 159.0330, 20.6897,
84.1631


 62.6710, 16.4312,
96.7585


 180.4220, 23.9490,
65.4049


 51.0790, 10.8071,
80.6147


 200.9960, 26.6240,
47.3615

 39.4870, 5.1829,
64.4709

 218.6060, 17.9422,
31.9175

 28.5360, 0.7218,
48.6419

 236.8030, 8.9711,
15.9588

 16.6730, -7.2338,
33.6128

254.4130, 0.2894,

 2.6910, -1.3267,

0.5148

5.5330

■ 0.0000, 0.0000,
0.0000

■ 101.1110, 22.6233,
117.4207

■ 101.1110, 22.6233,
117.4207

■ 85.8830, 25.2007,
130.7756

■ 116.3390, 20.0459,
104.0657

■ 130.9800, 17.7579,
91.2255

■ 145.5070, 15.0330,
78.4854

■ 160.7350, 12.4556,
65.1304

■ 175.3760, 10.1676,
52.2902

■ 190.6040, 7.5902,
38.9353

■ 205.2450, 5.3022,
26.0951

■ 220.3590, 2.2880,
12.8402

■ 235.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



124.6930, 43.0424, 54.6432



101.1110, 22.6233, 117.4207



101.0230, -10.8573, 122.7598

Triad

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



101.1110, 22.6233, 117.4207



110.6290, -54.5401, -6.6906



115.3130, 58.5127, -101.1295

Complementary

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



101.1110, 22.6233, 117.4207



157.8890, -22.6233, -117.4207

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.



110.3480, 31.8734, -96.7752



101.1110, 22.6233, 117.4207



88.9110, -32.4941, -77.9749

Square

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



101.1110, 22.6233, 117.4207



117.4380, -57.8969, 43.4659



101.5530, 0.7134, -89.0620



110.6630, 71.1581, -97.0515

Rectangle

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



101.1110, 22.6233, 117.4207



110.9640, -38.4363, 101.7636



101.5530, 0.7134, -89.0620



114.4350, 50.0715, -100.3595

Sweetspot

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



101.1110, 22.6233, 117.4207



211.1910, 7.3008, 38.4205



74.3660, 79.1926, 33.0050



101.8810, 4.0027, 22.9064



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.



101.1110, 22.6233, 117.4207



93.2310, 27.4941, 141.8714



89.1410, -23.2405, 127.9183



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Inverse Universe

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



101.1110, 22.6233, 117.4207



93.2310, 27.4941, 141.8714



169.8590, 23.2405, -127.9183



109.9730, 0.9993, 6.1627



66.2030, 19.6199, 100.6770



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 101.1110, 22.6233, 117.4207 looks on a white background.

Color Contrast Check

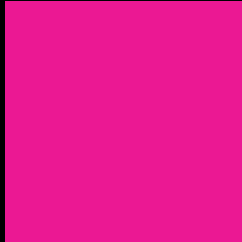
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.1110, 22.6233, 117.4207 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 101.1110, 22.6233, 117.4207 Background



This preview shows how black text looks on a background with the YUV color 101.1110, 22.6233, 117.4207.



This preview shows how white text looks on a background with the YUV color 101.1110, 22.6233, 117.4207.

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

101.1110, 22.6233, 117.4207

Protanopia

123.1220, 41.8449, -28.1710

Deuteranopia

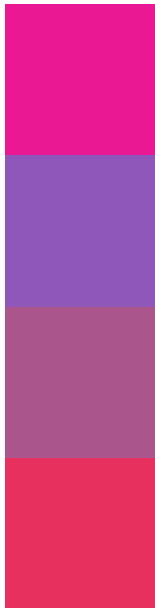
126.9990, 4.9305, 5.2629



Tritanopia

111.8730, -23.6014, 103.5974

Trichromacy



Original Color

101.1110, 22.6233, 117.4207

Protanomaly

115.0300, 34.9882, 24.5297

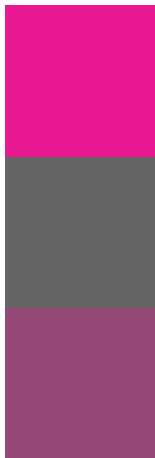
Deuteranomaly

117.3860, 11.6417, 46.1425

Tritanomaly

108.2600, -7.0302, 108.5200

Monochromacy



Original Color

101.1110, 22.6233, 117.4207

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.1530, 8.3056, 42.8388

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1110, 22.6233, 117.4207 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(235, 24, 147)` looks like.

```
.text, #text, p{  
    color:rgb(235, 24, 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(235, 24, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 24, 147) }
```

Border

The CSS property to change the border of an element to YUV 101.1110, 22.6233, 117.4207 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(235, 24, 147) }
```


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

```
.border{ border-color:rgb(235, 24, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 24, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 24, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 24, 147);  
box-shadow:4px 4px 4px 4px rgb(235, 24,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 101.1110, 22.6233, 117.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 24, 147) }
```

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

```
.background{ background-color: rgb(235, 24,  
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](#).

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