

Converting Colors

YUV(101.3290, 62.4488,
130.3845)

Have a look what the booklet for
YUV(101.3290, 62.4488, 130.3845)
contains.

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Color

**YUV(101.3290, 62.4488,
130.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	FA01E4
RGB	250, 1, 228
RGB Percent	98%, 0%, 89%
CMY	0.0196, 0.9961, 0.1059
CMYK	0.00, 1.00, 0.09, 0.02
HSL	305°, 99%, 49%
HSV	305°, 100%, 98%
XYZ	53.4388, 25.9471, 75.5905
YIQ	101.3290, 75.5370, 123.3850

Conversions

Conversions Part 2

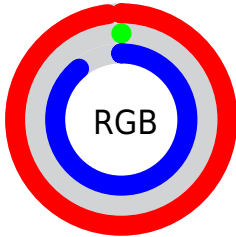
Format	Color
R _Y B	250, 1, 228
Decimal	16384484
CIE Lab	57.99, 93.77, -49.53
CIE LCh	58, 106.044, 332.157
Yxy	25.9471, 0.3448, 0.1674
Android (android.graphics.Color)	4294574564 (0xFFFA01E4)
YUV	101.3290, 62.4488, 130.3845
Hunter-Lab	50.9383, 98.1201, -52.3273

Details

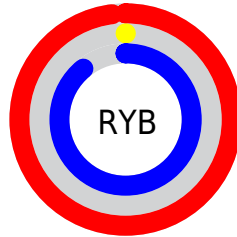
The YUV color **101.3290, 62.4488, 130.3845** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **149.6710, -62.4488, -130.3845**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **75.8200, 47.4167, 98.3819** is the 20% darker color. If you saturate the color by 10%, you get **100.7420, 62.7382, 130.8993**, and if you desaturate by 10%, it is **116.2320, 56.0876, 117.3145**.

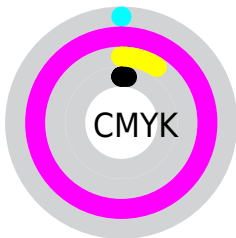
Distribution



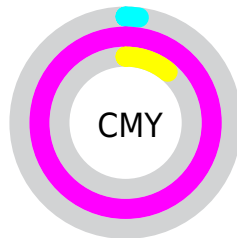
- Red (98%)
- Green (0%)
- Blue (89%)



- Red (98%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (2%)




- Cyan (2%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.3290, 62.4488, 130.3845 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 101.3290, 62.4488, 130.3845 by changing the saturation by 10% instead.


 101.3290, 62.4488,
130.3845


 101.3290, 62.4488,
130.3845


255.0000, 0.0000,
0.0000


 88.2810, 55.0775,
114.6406


 165.7760, 43.9874,
78.2494


 75.8200, 47.4167,
98.3819


 185.1470, 34.4375,
61.2611

 63.7720, 40.0454,
82.6380


 203.3440, 25.4664,
45.3023

 51.7240, 32.6741,
66.8941

 221.5410, 16.4953,
29.3435

 40.2030, 26.0289,
51.5650

 239.7380, 7.5242,
13.3848

 29.0950, 19.6732,
36.7507

 17.0900, 13.7596,

20.0921

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 101.3290, 62.4488,
130.3845

■ 101.3290, 62.4488,
130.3845

■ 100.7420, 62.7382,
130.8993

■ 116.2320, 56.0876,
117.3145

■ 131.1350, 49.7264,
104.2446

■ 146.1520, 43.8021,
91.0747

■ 161.0550, 37.4409,
78.0048

■ 175.9580, 31.0797,
64.9348

■ 190.8610, 24.7185,
51.8649

■ 205.7640, 18.3573,
38.7950

■ 220.7810, 12.4330,
25.6251

■ 235.6840, 6.0718,
12.5551

Harmonies

Analogous

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



131.3140, 60.9772, -4.6604



101.3290, 62.4488, 130.3845



91.8630, 22.2525, 143.0711

Triad

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



101.3290, 62.4488, 130.3845



130.6290, -64.4001, 29.2664



130.3300, 52.5883, -114.2994

Complementary

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



101.3290, 62.4488, 130.3845



149.6710, -62.4488, -130.3845

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.



119.1410, 12.2555, -104.4867



101.3290, 62.4488, 130.3845



111.5610, -54.9996, -46.0960

Square

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



101.3290, 62.4488, 130.3845



127.2040, -62.7116, 94.5371



104.8230, -32.4507, -91.9298



128.8600, 62.1870, -113.0102

Rectangle

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



101.3290, 62.4488, 130.3845



85.0230, -3.9553, 149.0698



104.8230, -32.4507, -91.9298



127.0240, 39.9212, -111.4000

Sweetspot

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



101.3290, 62.4488, 130.3845



209.5900, 18.9361, 39.8246



35.6650, 105.6672, -11.9842



100.4280, 11.1280, 24.1806



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.



101.3290, 62.4488, 130.3845



102.6930, 63.7484, 133.5732



87.3070, 8.7226, 142.6818



117.2550, 3.3253, 6.7924



76.1190, 47.2693, 98.9966



24.6230, 15.4689, 31.9026

Inverse Universe

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



101.3290, 62.4488, 130.3845



102.6930, 63.7484, 133.5732



163.6930, -8.7226, -142.6818



117.2550, 3.3253, 6.7924



76.1190, 47.2693, 98.9966



24.6230, 15.4689, 31.9026

Previews

White Background



This preview shows how the YUV color 101.3290, 62.4488, 130.3845 looks on a white background.

Color Contrast Check

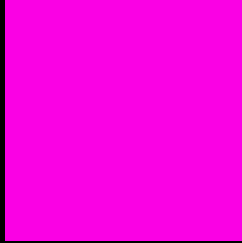
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.3290, 62.4488, 130.3845 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 101.3290, 62.4488, 130.3845 Background



This preview shows how black text looks on a background with the YUV color 101.3290, 62.4488, 130.3845.



This preview shows how white text looks on a background with the YUV color 101.3290, 62.4488, 130.3845.

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

101.3290, 62.4488, 130.3845

Protanopia

133.4090, 59.9444, -46.8397

Deuteranopia

137.6720, 37.6297, -29.5303



Tritanopia

134.5230, -19.4848, 89.8723

Trichromacy



Original Color

101.3290, 62.4488, 130.3845



Protanomaly

122.0440, 60.6173, 17.5014



Deuteranomaly

124.1520, 46.7601, 28.8077



Tritanomaly

122.7060, 10.0049, 104.6208

Monochromacy



Original Color

101.3290, 62.4488, 130.3845



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

101.2580, 22.5508, 47.1317

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.3290, 62.4488, 130.3845 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(250, 1, 228)` looks like.

```
.text, #text, p{  
    color:rgb(250, 1, 228)  
}
```

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(250, 1, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 1, 228) }
```

Border

The CSS property to change the border of an element to YUV 101.3290, 62.4488, 130.3845 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(250, 1, 228) }
```


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

```
.border{ border-color:rgb(250, 1, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 1, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 1, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 1, 228);  
box-shadow:4px 4px 4px 4px rgb(250, 1,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 101.3290, 62.4488, 130.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 1, 228) }
```

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

```
.background{ background-color: rgb(250, 1,  
228) }
```

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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