

Converting Colors

YUV(90.3310, 52.5878,
119.8587)

Have a look what the booklet for
YUV(90.3310, 52.5878, 119.8587)
contains.

YUV(90.3310, 52.5878, 119.8587)	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>	30

Color

**YUV(90.3310, 52.5878,
119.8587)**

Conversions

Conversions Part 1

Format	Color
Hex	E300C5
RGB	227, 0, 197
RGB Percent	89%, 0%, 77%
CMY	0.1098, 1.0000, 0.2275
CMYK	0.00, 1.00, 0.13, 0.11
HSL	308°, 100%, 45%
HSV	308°, 100%, 89%
XYZ	41.7566, 20.3621, 54.5528
YIQ	90.3310, 72.0550, 109.3910

Conversions

Conversions Part 2

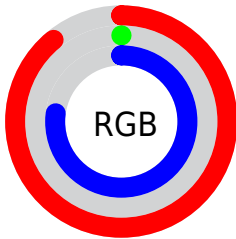
Format	Color
R_YB	227, 0, 197
Decimal	14876869
CIE Lab	52.24, 85.94, -41.19
CIE LCh	52, 95.304, 334.396
Yxy	20.3621, 0.3579, 0.1745
Android (android.graphics.Color)	4293066949 (0xFFE300C5)
YUV	90.3310, 52.5878, 119.8587
Hunter-Lab	45.1244, 86.2102, -40.0911

Details

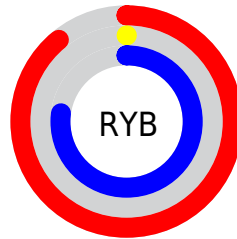
The YUV color **90.3310, 52.5878, 119.8587** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **136.6690, -52.5878, -119.8587**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1400, 45.2870, 81.4382**, and **66.2350, 37.8451, 88.3709** is the 20% darker color. If you saturate the color by 10%, you get **90.3310, 52.5878, 119.8587**, and if you desaturate by 10%, it is **104.1740, 47.2422, 107.7184**.

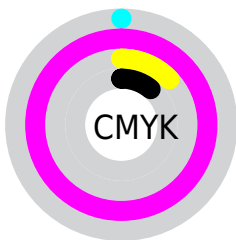
Distribution



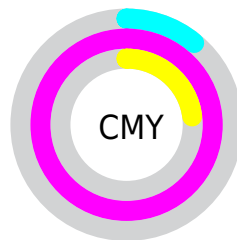
- Red (89%)
- Green (0%)
- Blue (77%)



- Red (89%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3310, 52.5878, 119.8587 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 90.3310, 52.5878, 119.8587 by changing the saturation by 10% instead.

90.3310, 52.5878,
119.8587

90.3310, 52.5878,
119.8587

255.0000, 0.0000,
0.0000

78.1690, 44.7797,
104.2148

162.1400, 45.2870,
81.4382

66.2350, 37.8451,
88.3709

181.0380, 36.4633,
64.8647

54.1870, 30.4738,
72.6270

198.6480, 27.7815,
49.4207

42.6660, 23.8287,
57.2979

216.8450, 18.8104,
33.4619

31.5580, 17.4729,
42.4836

234.4550, 10.1287,
18.0180

20.2650, 11.7014,
26.9546

252.6520, 1.1576,

6.0960, 7.8407,

2.0592

5.1778

■ 0.0000, 0.0000,
0.0000

■ 90.3310, 52.5878,
119.8587

■ 104.1740, 47.2422,
107.7184

■ 117.4300, 42.1860,
96.0929

■ 131.2730, 36.8404,
83.9526

■ 145.1160, 31.4948,
71.8123

■ 158.9590, 26.1492,
59.6720

■ 172.2150, 21.0930,
48.0464

■ 186.0580, 15.7474,
35.9061

■ 199.9010, 10.4018,
23.7658

■ 213.1570, 5.3456,
12.1403

Harmonies

Analogous

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



122.8080, 65.1707, 3.6764



90.3310, 52.5878, 119.8587



89.5830, 13.5166, 145.0707

Triad

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



90.3310, 52.5878, 119.8587



116.4200, -57.3951, 22.4337



116.7830, 48.9140, -102.4187

Complementary

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



90.3310, 52.5878, 119.8587



136.6690, -52.5878, -119.8587

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.



106.9620, 13.8227, -93.8057



90.3310, 52.5878, 119.8587



97.6840, -48.1582, -47.0809

Square

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



90.3310, 52.5878, 119.8587



115.0110, -56.7004, 79.7974



94.9410, -24.6209, -83.2633



117.7070, 67.6854, -103.2290

Rectangle

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



90.3310, 52.5878, 119.8587



83.5410, -9.6337, 150.3695



94.9410, -24.6209, -83.2633



113.9330, 37.9940, -99.9192

Sweetspot

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



90.3310, 52.5878, 119.8587



209.2480, 17.6257, 40.1245



33.6520, 95.3206, -6.7108



100.2000, 10.2544, 24.3806



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.



90.3310, 52.5878, 119.8587



101.4390, 58.9436, 134.6730



77.7910, 4.5400, 130.8563



107.7280, 2.5991, 6.3775



71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546

Inverse Universe

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



90.3310, 52.5878, 119.8587



101.4390, 58.9436, 134.6730



149.2090, -4.5400, -130.8563



107.7280, 2.5991, 6.3775



71.1910, 41.3178, 94.5485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 90.3310, 52.5878, 119.8587 looks on a white background.

Color Contrast Check

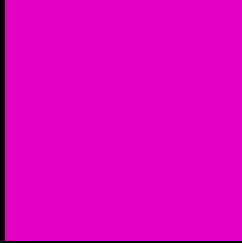
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.3310, 52.5878, 119.8587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

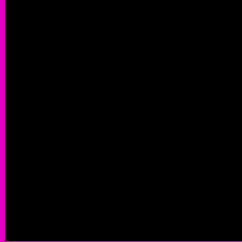
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 90.3310, 52.5878, 119.8587

Background



This preview shows how black text looks on a background with the YUV color 90.3310, 52.5878, 119.8587.

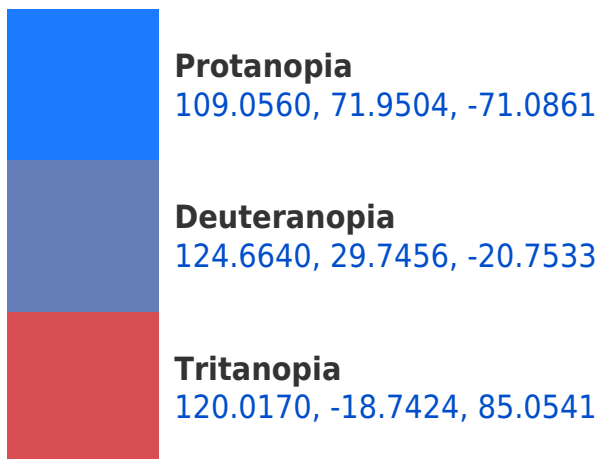


This preview shows how white text looks on a background with the YUV color 90.3310, 52.5878,

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



Trichromacy



Protanomaly

102.3620, 64.8975, -2.0715

Deuteranomaly

112.4590, 37.7347, 30.2925

Tritanomaly

109.5650, 7.1165, 97.7285

Monochromacy



Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0250, 19.2147, 43.8281

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3310, 52.5878, 119.8587 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(227, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 197)  
}
```

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(227, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 197) }
```

Border

The CSS property to change the border of an element to YUV 90.3310, 52.5878, 119.8587 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(227, 0, 197) }
```

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

```
.border{ border-color:rgb(227, 0, 197) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
197) }
```


Background

The CSS property to change the background color of an element to YUV 90.3310, 52.5878, 119.8587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 197) }
```

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

```
.background{ background-color: rgb(227, 0,  
197) }
```

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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