

Converting Colors

YUV(116.8210, 25.7242,
102.7660)

Have a look what the booklet for
YUV(116.8210, 25.7242, 102.7660)
contains.

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Color

**YUV(116.8210, 25.7242,
102.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	EA2FA9
RGB	234, 47, 169
RGB Percent	92%, 18%, 66%
CMY	0.0824, 0.8157, 0.3373
CMYK	0.00, 0.80, 0.28, 0.08
HSL	321°, 82%, 55%
HSV	321°, 80%, 92%
XYZ	42.1096, 22.3900, 39.6384
YIQ	116.8210, 72.2900, 77.5860

Conversions

Conversions Part 2

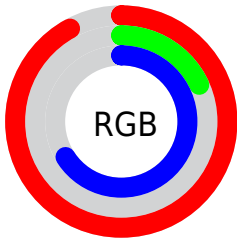
Format	Color
R_{YB}	234, 47, 169
Decimal	15347625
CIE _{Lab}	54.44, 77.56, -21.36
CIE _{LCh}	54, 80.443, 344.601
Yxy	22.3900, 0.4044, 0.2150
Android (android.graphics.Color)	4293537705 (0xFFEA2FA9)
YUV	116.8210, 25.7242, 102.7660
Hunter-Lab	47.3181, 76.0452, -16.5446

Details

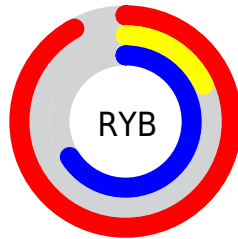
The YUV color **116.8210, 25.7242, 102.7660** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **164.1790, -25.7242, -102.7660**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6990, 27.2634, 75.6860**, and **65.0650, 25.6040, 94.6590** is the 20% darker color. If you saturate the color by 10%, you get **102.4080, 28.8859, 115.4062**, and if you desaturate by 10%, it is **131.2340, 22.5626, 90.1258**.

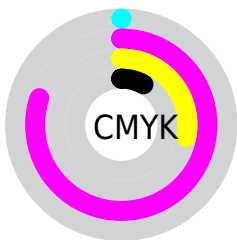
Distribution



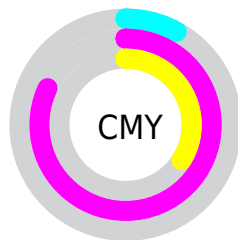
- Red (92%)
- Green (18%)
- Blue (66%)



- Red (92%)
- Yellow (18%)
- Blue (66%)



- Cyan (0%)
- Magenta (80%)
- Yellow (28%)
- Black (8%)





- Cyan (8%)
- Magenta (82%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.8210, 25.7242, 102.7660 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 116.8210, 25.7242, 102.7660 by changing the saturation by 10% instead.


 116.8210, 25.7242,
102.7660


 116.8210, 25.7242,
102.7660


255.0000, 0.0000,
0.0000

 76.8850, 32.1017,
110.6029


 168.6990, 27.2634,
75.6860


 65.0650, 25.6040,
94.6590


 189.6150, 31.2488,
57.3426

 53.5440, 18.9588,
79.3299


 207.4530, 23.4407,
41.6987

 41.8380, 12.8979,
63.2861

 225.0630, 14.7589,
26.2547

 30.9580, 7.4157,
48.2718

 242.6730, 6.0772,
10.8108

 19.8930, 2.5178,
32.5428

 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 116.8210, 25.7242,
102.7660

■ 116.8210, 25.7242,
102.7660

■ 102.4080, 28.8859,
115.4062

■ 131.2340, 22.5626,
90.1258

■ 87.4080, 32.3369,
128.5612

■ 146.2340, 19.1116,
76.9708

■ 160.6470, 15.9500,
64.3306

■ 175.7610, 12.9358,
51.0756

■ 190.1740, 9.7742,
38.4354

■ 204.5870, 6.6126,
25.7952

■ 219.5870, 3.1616,
12.6402

■ 234.0000, 0.0000,
0.0000

■ 247.2390, -2.5828,
-11.6106

Harmonies

Analogous

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



132.0650, 48.7750, 35.9000



116.8210, 25.7242, 102.7660



106.6950, -3.3006, 125.6785

Triad

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



116.8210, 25.7242, 102.7660



118.9790, -58.6566, 7.0344



118.6240, 53.4294, -104.0332

Complementary

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



116.8210, 25.7242, 102.7660



164.1790, -25.7242, -102.7660

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.



112.5020, 24.8955, -98.6643



116.8210, 25.7242, 102.7660



96.1120, -47.3832, -62.3652

Square

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



116.8210, 25.7242, 102.7660



122.8310, -60.5557, 56.2762



103.1200, -5.9752, -90.4362



116.5330, 68.2642, -102.1994

Rectangle

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



116.8210, 25.7242, 102.7660



115.0110, -29.5854, 109.6154



103.1200, -5.9752, -90.4362



117.0450, 44.8408, -102.6485

Sweetspot

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



116.8210, 25.7242, 102.7660



216.7990, 8.4801, 33.5023



86.8560, 72.5420, 19.4203



104.7990, 5.0291, 20.3473



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.



116.8210, 25.7242, 102.7660



101.4950, 33.7730, 134.6239



106.4470, -14.0244, 111.8640



110.0870, 1.4361, 6.0627



67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987

Inverse Universe

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



116.8210, 25.7242, 102.7660



101.4950, 33.7730, 134.6239



174.5530, 14.0244, -111.8640



110.0870, 1.4361, 6.0627



67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 116.8210, 25.7242, 102.7660 looks on a white background.

Color Contrast Check

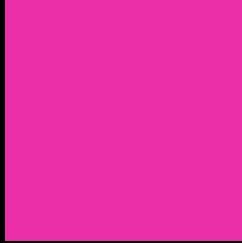
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8210, 25.7242, 102.7660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

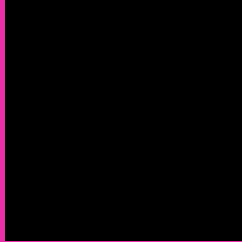
Any Text WCAG AA ✓ Pass

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 116.8210, 25.7242, 102.7660 Background



This preview shows how black text looks on a background with the YUV color 116.8210, 25.7242, 102.7660.



This preview shows how white text looks on a background with the YUV color 116.8210, 25.7242, 102.7660.

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

116.8210, 25.7242, 102.7660

Protanopia

126.5430, 50.0183, -36.4332

Deuteranopia

131.8330, 13.3933, -2.4845



Tritanopia

122.4200, -19.9271, 91.7167

Trichromacy



Original Color

116.8210, 25.7242, 102.7660



Protanomaly

123.2720, 41.2779, 13.7935



Deuteranomaly

126.6280, 17.9314, 35.4062



Tritanomaly

120.5080, -3.2084, 96.0245

Monochromacy



Original Color

116.8210, 25.7242, 102.7660



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.3480, 9.1954, 37.4058

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8210, 25.7242, 102.7660 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(234, 47, 169)` looks like.

```
.text, #text, p{  
    color:rgb(234, 47, 169)  
}
```

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(234, 47, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 47, 169) }
```

Border

The CSS property to change the border of an element to YUV 116.8210, 25.7242, 102.7660 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(234, 47, 169) }
```


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

```
.border{ border-color:rgb(234, 47, 169) }
```

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

Here you see how a box with a 4 pixel rgb(234, 47, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 47, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 47, 169);  
box-shadow:4px 4px 4px 4px rgb(234, 47,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 116.8210, 25.7242, 102.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 47, 169) }
```

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

```
.background{ background-color: rgb(234, 47,  
169) }
```

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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