

Converting Colors

YUV(116.1800, 24.5613,
102.4511)

Have a look what the booklet for
YUV(116.1800, 24.5613, 102.4511)
contains.

YUV(116.1800, 24.5613, 102.4511)	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(116.1800, 24.5613,
102.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	E92FA6
RGB	233, 47, 166
RGB Percent	91%, 18%, 65%
CMY	0.0863, 0.8157, 0.3490
CMYK	0.00, 0.80, 0.29, 0.09
HSL	322°, 81%, 55%
HSV	322°, 80%, 91%
XYZ	41.5037, 22.1098, 38.1565
YIQ	116.1800, 72.6570, 76.4410

Conversions

Conversions Part 2

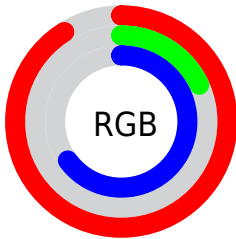
Format	Color
R_{YB}	233, 47, 166
Decimal	15282086
CIE _{Lab}	54.14, 76.99, -20.07
CIE _{LCh}	54, 79.562, 345.391
Yxy	22.1098, 0.4078, 0.2173
Android (android.graphics.Color)	4293472166 (0xFFE92FA6)
YUV	116.1800, 24.5613, 102.4511
Hunter-Lab	47.0211, 75.2682, -15.1977

Details

The YUV color **116.1800, 24.5613, 102.4511** 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 **163.8200, -24.5613, -102.4511**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.3570, 25.9530, 75.9859**, and **64.4240, 24.4410, 94.3442** is the 20% darker color. If you saturate the color by 10%, you get **101.7670, 27.7229, 115.0913**, and if you desaturate by 10%, it is **130.5930, 21.3997, 89.8109**.

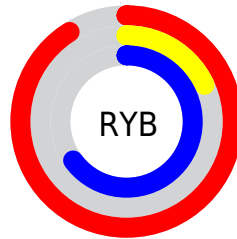
Distribution



Red (91%)

Green (18%)

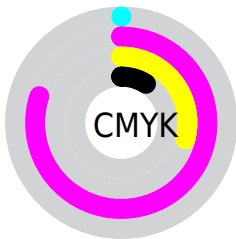
Blue (65%)



Red (91%)

Yellow (18%)

Blue (65%)

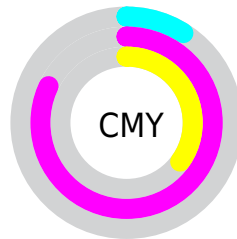


Cyan (0%)

Magenta (80%)

Yellow (29%)

Black (9%)



Cyan (9%)


Magenta (82%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1800, 24.5613, 102.4511 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 116.1800, 24.5613, 102.4511 by changing the saturation by 10% instead.


 116.1800, 24.5613,
102.4511


 116.1800, 24.5613,
102.4511


255.0000, 0.0000,
0.0000


 76.3580, 31.3755,
110.1880


 168.3570, 25.9530,
75.9859


 64.4240, 24.4410,
94.3442


 189.2730, 29.9384,
57.6426


 52.9030, 17.7958,
79.0151


 207.4530, 23.4407,
41.6987

 41.3110, 12.1717,
62.8713

 224.4760, 15.0483,
26.7695

 30.3170, 6.2527,
47.9570

 242.0860, 6.3666,
11.3256

 19.2520, 1.3548,
32.2280

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 116.1800, 24.5613,
102.4511

■ 116.1800, 24.5613,
102.4511

■ 101.7670, 27.7229,
115.0913

■ 130.5930, 21.3997,
89.8109

■ 86.6530, 30.7371,
128.3463

■ 145.7070, 18.3854,
76.5560

■ 160.1200, 15.2238,
63.9158

■ 174.6470, 12.4990,
51.1756

■ 189.0600, 9.3374,
38.5354

204.0600, 5.8864,
25.3804

218.5870, 3.1616,
12.6402

233.0000, 0.0000,
0.0000

246.9400, -2.4354,
-12.2254

Harmonies

Analogous

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



131.3210, 47.1697, 37.4295



116.1800, 24.5613, 102.4511



107.6300, -4.7476, 123.1045

Triad

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



116.1800, 24.5613, 102.4511



117.4950, -57.9250, 5.7049



118.0370, 53.7188, -103.5184

Complementary

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



116.1800, 24.5613, 102.4511



163.8200, -24.5613, -102.4511

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.



112.0290, 25.6217, -98.2494



116.1800, 24.5613, 102.4511



94.3720, -45.0464, -65.2242

Square

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



116.1800, 24.5613, 102.4511



121.9340, -60.1135, 54.4319



102.6470, -5.2490, -90.0214



115.3590, 68.8430, -101.1698

Rectangle

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



116.1800, 24.5613, 102.4511



115.3590, -30.7430, 107.5562



102.6470, -5.2490, -90.0214



116.4580, 45.1302, -102.1337

Sweetspot

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



116.1800, 24.5613, 102.4511



216.6850, 8.0433, 33.6023



87.6390, 71.6630, 21.3646



104.6850, 4.5923, 20.4473



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.



116.1800, 24.5613, 102.4511



101.1530, 32.4626, 134.9238



105.8060, -15.1874, 111.5491



110.0870, 1.4361, 6.0627



67.3430, 23.9879, 99.6772



20.0220, 6.8912, 29.7987

Inverse Universe

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



116.1800, 24.5613, 102.4511



101.1530, 32.4626, 134.9238



174.1940, 15.1874, -111.5491



110.0870, 1.4361, 6.0627



67.3430, 23.9879, 99.6772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 116.1800, 24.5613, 102.4511 looks on a white background.

Color Contrast Check

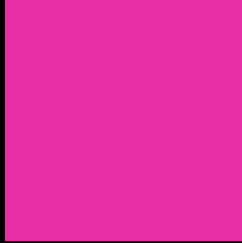
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.1800, 24.5613, 102.4511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

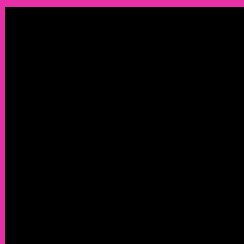
Any Text WCAG AA ✓ Pass

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 116.1800, 24.5613, 102.4511 Background



This preview shows how black text looks on a background with the YUV color 116.1800, 24.5613, 102.4511.



This preview shows how white text looks on a background with the YUV color 116.1800, 24.5613, 102.4511.

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

116.1800, 24.5613, 102.4511

Protanopia

126.0980, 48.2657, -34.2889

Deuteranopia

131.2030, 12.2249, -1.0550



Tritanopia

122.3060, -20.3639, 91.8166

Trichromacy



Original Color

116.1800, 24.5613, 102.4511



Protanomaly

122.5280, 39.6727, 15.3229



Deuteranomaly

125.6990, 16.9104, 36.2210



Tritanomaly

119.9810, -3.9346, 95.6097

Monochromacy



Original Color

116.1800, 24.5613, 102.4511



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

116.2340, 8.7586, 37.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1800, 24.5613, 102.4511 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(233, 47, 166)` looks like.

```
.text, #text, p{  
    color:rgb(233, 47, 166)  
}
```

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(233, 47, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 47, 166) }
```

Border

The CSS property to change the border of an element to YUV 116.1800, 24.5613, 102.4511 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(233, 47, 166) }
```


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

```
.border{ border-color:rgb(233, 47, 166) }
```

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

Here you see how a box with a 4 pixel rgb(233, 47, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 47, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 47, 166);  
box-shadow:4px 4px 4px 4px rgb(233, 47,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 116.1800, 24.5613, 102.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 47, 166) }
```

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

```
.background{ background-color: rgb(233, 47,  
166) }
```

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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