

Converting Colors

YUV(103.0380, 30.0543,
113.9767)

Have a look what the booklet for
YUV(103.0380, 30.0543, 113.9767)
contains.

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Color

**YUV(103.0380, 30.0543,
113.9767)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E919A4 |
| RGB | 233, 25, 164 |
| RGB Percent | 91%, 10%, 64% |
| CMY | 0.0863, 0.9020, 0.3569 |
| CMYK | 0.00, 0.89, 0.30, 0.09 |
| HSL | 320°, 83%, 51% |
| HSV | 320°, 89%, 91% |
| XYZ | 40.6527, 20.6992, 36.9747 |
| YIQ | 103.0380, 79.3490, 87.3250 |

Conversions

Conversions Part 2

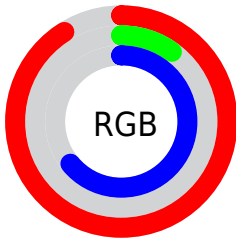
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 233, 25, 164 |
| Decimal | 15276452 |
| CIE _{Lab} | 52.62, 80.95, -21.23 |
| CIE _{LCh} | 53, 83.687, 345.308 |
| Yxy | 20.6992, 0.4134, 0.2105 |
| Android (android.graphics.Color) | 4293466532 (0xFFE919A4) |
| YUV | 103.0380, 30.0543, 113.9767 |
| Hunter-Lab | 45.4964, 79.8777, -16.3372 |

Details

The YUV color **103.0380, 30.0543, 113.9767** 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 **154.9620, -30.0543, -113.9767**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6720, 28.2627, 81.8487**, and **64.1960, 23.5674, 94.5441** is the 20% darker color. If you saturate the color by 10%, you get **88.6250, 33.2159, 126.6169**, and if you desaturate by 10%, it is **117.4510, 26.8927, 101.3365**.

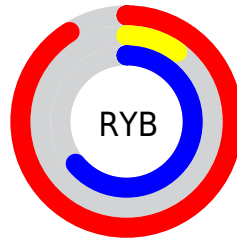
Distribution



Red (91%)

Green (10%)

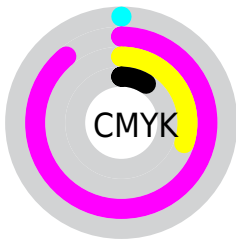
Blue (64%)



Red (91%)

Yellow (10%)

Blue (64%)

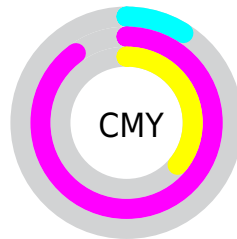


Cyan (0%)

Magenta (89%)

Yellow (30%)

Black (9%)



Cyan (9%)


Magenta (90%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.0380, 30.0543, 113.9767 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 103.0380, 30.0543, 113.9767 by changing the saturation by 10% instead.


 103.0380, 30.0543,
113.9767


 103.0380, 30.0543,
113.9767


255.0000, 0.0000,
0.0000


 76.1300, 30.5019,
110.3880


 161.6720, 28.2627,
81.8487


 64.1960, 23.5674,
94.5441


 183.1750, 31.9587,
62.9905


 52.3760, 17.0696,
78.6002


 201.5830, 26.3346,
46.8467

 40.7840, 11.4455,
62.4564

 219.1930, 17.6529,
31.4027

 29.9040, 5.9633,
47.4422

 236.8030, 8.9711,
15.9588

 18.7250, 0.6286,
31.8132

 4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,
0.0000

■ 103.0380, 30.0543,
113.9767

■ 103.0380, 30.0543,
113.9767

■ 88.6250, 33.2159,
126.6169

■ 117.4510, 26.8927,
101.3365

■ 87.4510, 33.7947,
127.6465

■ 132.3370, 23.0049,
88.2815

■ 146.7500, 19.8433,
75.6412

■ 161.1630, 16.6816,
63.0010

■ 175.5760, 13.5200,
50.3608

■ 190.4620, 9.6322,
37.3058

■ 204.8750, 6.4706,
24.6656

■ 219.2880, 3.3090,
12.0254

■ 234.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



126.4290, 50.0745, 39.0888



103.0380, 30.0543, 113.9767



85.3410, 3.7759, 142.6519

Triad

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



103.0380, 30.0543, 113.9767



114.2390, -56.3198, 4.1754



116.3900, 55.0237, -102.0740

Complementary

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



103.0380, 30.0543, 113.9767



154.9620, -30.0543, -113.9767

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.



110.0400, 25.6163, -96.5051



103.0380, 30.0543, 113.9767



86.2890, -42.5405, -75.6755

Square

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



103.0380, 30.0543, 113.9767



118.1020, -58.2243, 55.1615



99.6150, -6.7122, -87.3624



113.5980, 69.7112, -99.6254

Rectangle

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



103.0380, 30.0543, 113.9767



106.6310, -29.8911, 114.3336



99.6150, -6.7122, -87.3624



114.6970, 45.9984, -100.5893

Sweetspot

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



103.0380, 30.0543, 113.9767



211.8750, 9.9216, 37.8206



68.4460, 81.1251, 19.7799



102.3370, 5.7499, 22.5065



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.



103.0380, 30.0543, 113.9767



95.6250, 36.6669, 139.7719



91.5240, -14.0623, 124.0745



110.0870, 1.4361, 6.0627



67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Inverse Universe

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



103.0380, 30.0543, 113.9767



95.6250, 36.6669, 139.7719



166.4760, 14.0623, -124.0745



110.0870, 1.4361, 6.0627



67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 103.0380, 30.0543, 113.9767 looks on a white background.

Color Contrast Check

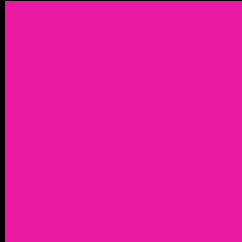
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0380, 30.0543, 113.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

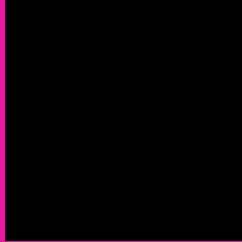
Any Text WCAG AA ✓ Pass

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 103.0380, 30.0543, 113.9767 Background



This preview shows how black text looks on a background with the YUV color 103.0380, 30.0543, 113.9767.



This preview shows how white text looks on a background with the YUV color 103.0380, 30.0543, 113.9767.

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

103.0380, 30.0543, 113.9767

Protanopia

120.2480, 54.1077, -41.4365

Deuteranopia

127.6050, 12.5197, -2.2846



Tritanopia

115.5840, -21.9799, 96.8348

Trichromacy



Original Color

103.0380, 30.0543, 113.9767



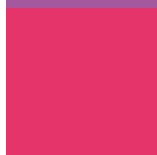
Protanomaly

113.7220, 45.4931, 15.1528



Deuteranomaly

118.5900, 18.9361, 39.8246



Tritanomaly

110.9650, -2.9407, 103.5167

Monochromacy



Original Color

103.0380, 30.0543, 113.9767



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.1250, 10.7844, 41.1094

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0380, 30.0543, 113.9767 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, 25, 164)` looks like.

```
.text, #text, p{  
    color:rgb(233, 25, 164)  
}
```

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, 25, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 25, 164) }
```

Border

The CSS property to change the border of an element to YUV 103.0380, 30.0543, 113.9767 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, 25, 164) }
```


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

```
.border{ border-color:rgb(233, 25, 164) }
```

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

Here you see how a box with a 4 pixel rgb(233, 25, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 25, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 25, 164);  
box-shadow:4px 4px 4px 4px rgb(233, 25,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 103.0380, 30.0543, 113.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 25, 164) }
```

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

```
.background{ background-color: rgb(233, 25,  
164) }
```

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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