

Converting Colors

YUV(103.0770, 44.3320,
107.8035)

Have a look what the booklet for
YUV(103.0770, 44.3320, 107.8035)
contains.

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Color

**YUV(103.0770, 44.3320,
107.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	E217C1
RGB	226, 23, 193
RGB Percent	89%, 9%, 76%
CMY	0.1137, 0.9098, 0.2431
CMYK	0.00, 0.90, 0.15, 0.11
HSL	310°, 82%, 49%
HSV	310°, 90%, 89%
XYZ	41.2961, 20.6318, 52.2579
YIQ	103.0770, 66.4180, 95.9060

Conversions

Conversions Part 2

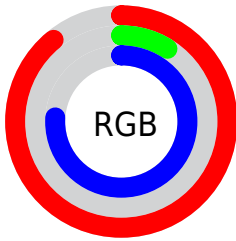
Format	Color
RYB	226, 23, 193
Decimal	14817217
CIELab	52.54, 83.25, -38.41
CIElCh	53, 91.683, 335.233
Yxy	20.6318, 0.3617, 0.1807
Android (android.graphics.Color)	4293007297 (0xFFE217C1)
YUV	103.0770, 44.3320, 107.8035
Hunter-Lab	45.4222, 82.7961, -36.4170

Details

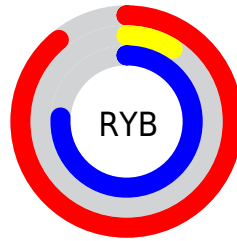
The YUV color **103.0770, 44.3320, 107.8035** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **145.9230, -44.3320, -107.8035**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6190, 42.0928, 79.2641**, and **65.4800, 36.2454, 88.1560** is the 20% darker color. If you saturate the color by 10%, you get **89.1200, 49.2408, 120.0438**, and if you desaturate by 10%, it is **117.0340, 39.4232, 95.5632**.

Distribution



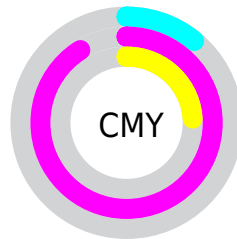
- Red (89%)
- Green (9%)
- Blue (76%)



- Red (89%)
- Yellow (9%)
- Blue (76%)



- Cyan (0%)
- Magenta (90%)
- Yellow (15%)
- Black (11%)




- Cyan (11%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.0770, 44.3320, 107.8035 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 103.0770, 44.3320, 107.8035 by changing the saturation by 10% instead.


 103.0770, 44.3320,
107.8035


 103.0770, 44.3320,
107.8035


255.0000, 0.0000,
0.0000


 77.5280, 43.6167,
103.8999


 164.6190, 42.0928,
79.2641


 65.4800, 36.2454,
88.1560


 183.3860, 35.3057,
62.8055

 53.5460, 29.3108,
72.3122


 200.9960, 26.6240,
47.3615

 42.0250, 22.6657,
56.9831

 219.1930, 17.6529,
31.4027

 30.9170, 16.3099,
42.1688

 236.8030, 8.9711,
15.9588

 19.6240, 10.5384,
26.6398

254.4130, 0.2894,

 5.3410, 6.2409,

0.5148

4.9629

■ 0.0000, 0.0000,
0.0000

■ 103.0770, 44.3320,
107.8035

■ 103.0770, 44.3320,
107.8035

■ 89.1200, 49.2408,
120.0438

■ 117.0340, 39.4232,
95.5632

■ 130.2900, 34.3670,
83.9377

■ 144.2470, 29.4582,
71.6974

■ 157.6170, 24.8388,
59.9719

■ 171.4600, 19.4932,
47.8316

■ 185.4170, 14.5844,
35.5913

■ 198.7870, 9.9650,
23.8658

■ 212.6300, 4.6194,
11.7255

■ 226.0000, 0.0000,
0.0000

Harmonies

Analogous

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



125.1890, 63.9968, 6.8502



103.0770, 44.3320, 107.8035



89.3550, 12.6430, 145.2707

Triad

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



103.0770, 44.3320, 107.8035



116.7080, -57.5370, 21.3041



116.6690, 48.4772, -102.3187

Complementary

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



103.0770, 44.3320, 107.8035



145.9230, -44.3320, -107.8035

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.



107.8910, 14.8437, -94.6204



103.0770, 44.3320, 107.8035



99.1680, -48.8898, -45.7513

Square

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



103.0770, 44.3320, 107.8035



115.8750, -57.1264, 76.4086



95.8530, -21.1265, -84.0631



117.7070, 67.6854, -103.2290

Rectangle

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



103.0770, 44.3320, 107.8035



82.9430, -9.3389, 149.1400



95.8530, -21.1265, -84.0631



113.9330, 37.9940, -99.9192

Sweetspot

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



103.0770, 44.3320, 107.8035



213.2430, 15.1632, 36.6209



55.1120, 84.2478, -1.8522



103.1350, 8.8074, 21.8066



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.



103.0770, 44.3320, 107.8035



100.6410, 55.8860, 135.3728



91.7910, 1.0890, 117.7013



105.3150, 2.3097, 5.8627



69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Inverse Universe

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



103.0770, 44.3320, 107.8035



100.6410, 55.8860, 135.3728



157.2090, -1.0890, -117.7013



105.3150, 2.3097, 5.8627



69.3820, 38.2657, 93.5040



19.0260, 10.8332, 25.4102

Previews

White Background



This preview shows how the YUV color 103.0770, 44.3320, 107.8035 looks on a white background.

Color Contrast Check

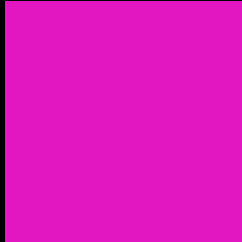
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0770, 44.3320, 107.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

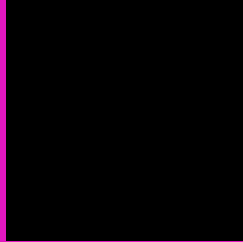
Any Text WCAG AA ✓ Pass

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 103.0770, 44.3320, 107.8035 Background



This preview shows how black text looks on a background with the YUV color 103.0770, 44.3320, 107.8035.



This preview shows how white text looks on a background with the YUV color 103.0770, 44.3320, 107.8035.

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

103.0770, 44.3320, 107.8035

Protanopia

109.3550, 71.8030, -70.4713

Deuteranopia

125.4040, 27.4088, -17.8943



Tritanopia

119.8320, -18.1582, 84.3393

Trichromacy



Original Color

103.0770, 44.3320, 107.8035



Protanomaly

107.1290, 61.5614, -5.3751



Deuteranomaly

117.2970, 33.3776, 27.8035



Tritanomaly

113.8480, 4.5119, 93.0953

Monochromacy



Original Color

103.0770, 44.3320, 107.8035



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.1940, 16.1734, 39.2949

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0770, 44.3320, 107.8035 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(226, 23, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 23, 193)  
}
```

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(226, 23, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 23, 193) }
```

Border

The CSS property to change the border of an element to YUV 103.0770, 44.3320, 107.8035 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(226, 23, 193) }
```


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

```
.border{ border-color:rgb(226, 23, 193) }
```

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

Here you see how a box with a 4 pixel rgb(226, 23, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 23, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 23, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 23,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 103.0770, 44.3320, 107.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 23, 193) }
```

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

```
.background{ background-color: rgb(226, 23,  
193) }
```

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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