

Converting Colors

YUV(106.5910, 51.4736,
103.8447)

Have a look what the booklet for
YUV(106.5910, 51.4736, 103.8447)
contains.

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Color

**YUV(106.5910, 51.4736,
103.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	E11AD3
RGB	225, 26, 211
RGB Percent	88%, 10%, 83%
CMY	0.1176, 0.8980, 0.1725
CMYK	0.00, 0.88, 0.06, 0.12
HSL	304°, 79%, 49%
HSV	304°, 88%, 88%
XYZ	43.1786, 21.4495, 63.4924
YIQ	106.5910, 59.2190, 99.7230

Conversions

Conversions Part 2

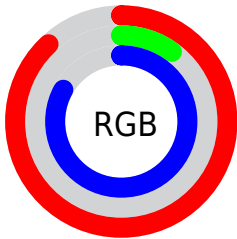
Format	Color
R _Y B	225, 26, 211
Decimal	14752467
CIE Lab	53.44, 85.07, -47.37
CIE LCh	53, 97.366, 330.889
Yxy	21.4495, 0.3370, 0.1674
Android (android.graphics.Color)	4292942547 (0xFFE11AD3)
YUV	106.5910, 51.4736, 103.8447
Hunter-Lab	46.3136, 85.3685, -48.8626

Details

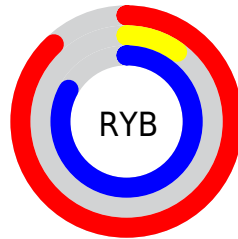
The YUV color **106.5910, 51.4736, 103.8447** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **144.4090, -51.4736, -103.8447**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **67.1190, 43.8183, 85.8416** is the 20% darker color. If you saturate the color by 10%, you get **92.8620, 57.2560, 115.8850**, and if you desaturate by 10%, it is **120.3200, 45.6912, 91.8044**.

Distribution



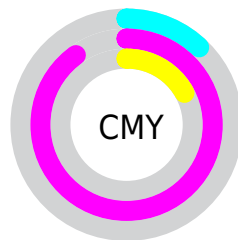
- Red (88%)
- Green (10%)
- Blue (83%)



- Red (88%)
- Yellow (10%)
- Blue (83%)



- Cyan (0%)
- Magenta (88%)
- Yellow (6%)
- Black (12%)





- Cyan (12%)
- Magenta (90%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.5910, 51.4736, 103.8447 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 106.5910, 51.4736, 103.8447 by changing the saturation by 10% instead.


 106.5910, 51.4736,
103.8447


 106.5910, 51.4736,
103.8447


255.0000, 0.0000,
0.0000


 79.1670, 51.1897,
101.5855


 166.3630, 43.6980,
77.7346


 67.1190, 43.8183,
85.8416


 184.5600, 34.7269,
61.7759

 55.3700, 36.2996,
70.7125


 202.1700, 26.0452,
46.3319

 43.4360, 29.3651,
54.8686

 220.3670, 17.0741,
30.3731

 32.3280, 23.0093,
40.0543

 237.9770, 8.3923,
14.9292

 21.2200, 16.6535,
25.2401

 7.5350, 12.0612,

4.7928

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 106.5910, 51.4736,
103.8447

■ 106.5910, 51.4736,
103.8447

■ 92.8620, 57.2560,
115.8850

■ 120.3200, 45.6912,
91.8044

■ 91.1010, 58.1242,
117.4294

■ 133.3480, 39.7614,
80.3788

■ 147.0770, 33.9790,
68.3385

■ 160.1050, 28.0492,
56.9129

■ 173.8340, 22.2668,
44.8726

■ 186.8620, 16.3370,
33.4470

■ 200.5910, 10.5546,
21.4067

■ 213.7330, 5.0616,
9.8812

■ 226.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



121.8230, 65.6563, -12.1228



106.5910, 51.4736, 103.8447



90.9510, 18.7582, 143.8710

Triad

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



106.5910, 51.4736, 103.8447



120.0080, -59.1639, 29.8110



118.7890, 46.4460, -104.1780

Complementary

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



106.5910, 51.4736, 103.8447



144.4090, -51.4736, -103.8447

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.



108.5120, 9.6076, -95.1650



106.5910, 51.4736, 103.8447



104.5390, -51.5377, -36.4297

Square

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



106.5910, 51.4736, 103.8447



115.9520, -57.1643, 88.6191



95.3340, -30.7307, -83.6079



120.6420, 66.2385, -105.8030

Rectangle

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



106.5910, 51.4736, 103.8447



84.7950, -4.8289, 149.2698



95.3340, -30.7307, -83.6079



115.7110, 34.6525, -101.4785

Sweetspot

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



106.5910, 51.4736, 103.8447



213.9270, 17.7840, 36.0210



52.5730, 85.0065, -11.9035



103.5910, 10.5546, 21.4067



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.



106.5910, 51.4736, 103.8447



103.2630, 65.9323, 133.0733



95.3050, 8.2306, 113.7425



105.4290, 2.7465, 5.7628



71.3200, 45.6912, 91.8044



19.4820, 12.5804, 25.0103

Inverse Universe

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



106.5910, 51.4736, 103.8447



103.2630, 65.9323, 133.0733



155.6950, -8.2306, -113.7425



105.4290, 2.7465, 5.7628



71.3200, 45.6912, 91.8044



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 106.5910, 51.4736, 103.8447 looks on a white background.

Color Contrast Check

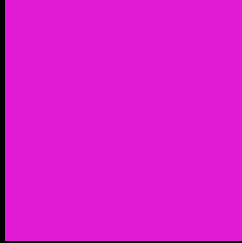
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.5910, 51.4736, 103.8447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

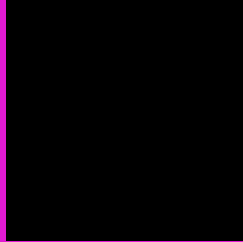
Any Text WCAG AA ✓ Pass

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 106.5910, 51.4736, 103.8447 Background



This preview shows how black text looks on a background with the YUV color 106.5910, 51.4736, 103.8447.



This preview shows how white text looks on a background with the YUV color 106.5910, 51.4736, 103.8447.

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

106.5910, 51.4736, 103.8447

Protanopia

113.8180, 69.6027, -64.7384

Deuteranopia

125.3300, 36.3193, -29.2304



Tritanopia

123.9560, -16.2473, 78.0916

Trichromacy



Original Color

106.5910, 51.4736, 103.8447



Protanomaly

110.8950, 63.1558, -3.4159



Deuteranomaly

118.4190, 41.6984, 18.9265



Tritanomaly

117.8410, 8.4594, 86.9624

Monochromacy



Original Color

106.5910, 51.4736, 103.8447



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.1660, 18.6522, 37.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5910, 51.4736, 103.8447 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(225, 26, 211)` looks like.

```
.text, #text, p{  
    color:rgb(225, 26, 211)  
}
```

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(225, 26, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 26, 211) }
```

Border

The CSS property to change the border of an element to YUV 106.5910, 51.4736, 103.8447 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(225, 26, 211) }
```


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

```
.border{ border-color:rgb(225, 26, 211) }
```

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

Here you see how a box with a 4 pixel rgb(225, 26, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 26, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 26, 211);  
box-shadow:4px 4px 4px 4px rgb(225, 26,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 106.5910, 51.4736, 103.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 26, 211) }
```

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

```
.background{ background-color: rgb(225, 26,  
211) }
```

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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