

Converting Colors

YUV(96.9050, 38.5008,
111.4623)

Have a look what the booklet for
YUV(96.9050, 38.5008, 111.4623)
contains.

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Color

**YUV(96.9050, 38.5008,
111.4623)**

Conversions

Conversions Part 1

Format	Color
Hex	E011AF
RGB	224, 17, 175
RGB Percent	88%, 7%, 69%
CMY	0.1216, 0.9333, 0.3137
CMYK	0.00, 0.92, 0.22, 0.12
HSL	314°, 86%, 47%
HSV	314°, 92%, 88%
XYZ	38.6788, 19.3433, 42.2525
YIQ	96.9050, 72.6540, 93.0220

Conversions

Conversions Part 2

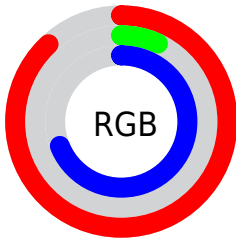
Format	Color
R_{YB}	224, 17, 175
Decimal	14684591
CIE _{Lab}	51.09, 81.36, -30.21
CIE _{LCh}	51, 86.786, 339.627
Yxy	19.3433, 0.3857, 0.1929
Android (android.graphics.Color)	4292874671 (0xFFE011AF)
YUV	96.9050, 38.5008, 111.4623
Hunter-Lab	43.9811, 80.0135, -26.1730

Details

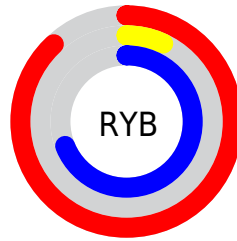
The YUV color **96.9050, 38.5008, 111.4623** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **144.0950, -38.5008, -111.4623**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6920, 34.6618, 82.7081**, and **62.9440, 29.1146, 88.6261** is the 20% darker color. If you saturate the color by 10%, you get **86.4700, 41.6733, 120.6138**, and if you desaturate by 10%, it is **110.3890, 34.3182, 99.6368**.

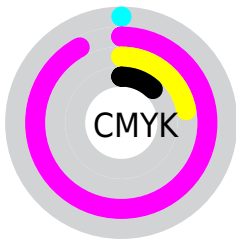
Distribution



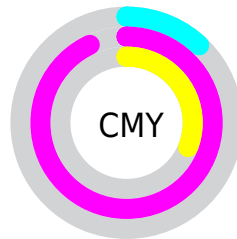
- Red (88%)
- Green (7%)
- Blue (69%)



- Red (88%)
- Yellow (7%)
- Blue (69%)



- Cyan (0%)
- Magenta (92%)
- Yellow (22%)
- Black (12%)





- Cyan (12%)
- Magenta (93%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.9050, 38.5008, 111.4623 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 96.9050, 38.5008, 111.4623 by changing the saturation by 10% instead.


 96.9050, 38.5008,
111.4623


 96.9050, 38.5008,
111.4623


255.0000, 0.0000,
0.0000


 74.8780, 36.0491,
104.4700


 160.6920, 34.6618,
82.7081


 62.9440, 29.1146,
88.6261


 181.6250, 36.1739,
64.3499

 51.1240, 22.6169,
72.6823

 199.2350, 27.4921,
48.9059

 39.7170, 16.4085,
57.2532

 216.8450, 18.8104,
33.4619

 29.0220, 10.3422,
42.9537

 235.0420, 9.8393,
17.5032

 17.5440, 5.1548,
26.7099

 252.6520, 1.1576,

 0.0000, 0.0000,

2.0592

0.0000

■ 96.9050, 38.5008,
111.4623

■ 96.9050, 38.5008,
111.4623

■ 86.4700, 41.6733,
120.6138

■ 110.3890, 34.3182,
99.6368

■ 124.5740, 30.2830,
87.1966

■ 138.0580, 26.1004,
75.3711

■ 152.1290, 21.6284,
63.0309

■ 165.7270, 17.8826,
51.1054

■ 179.2110, 13.7000,
39.2800

■ 193.2820, 9.2280,
26.9397

■ 206.7660, 5.0454,
15.1142

■ 220.9510, 1.0102,
2.6740

Harmonies

Analogous

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



122.4530, 56.9647, 22.4047



96.9050, 38.5008, 111.4623



85.4810, 8.1439, 141.6522

Triad

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



96.9050, 38.5008, 111.4623



111.9350, -55.1840, 13.2120



113.2610, 50.6503, -99.3299

Complementary

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



96.9050, 38.5008, 111.4623



144.0950, -38.5008, -111.4623

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.



105.7540, 19.3483, -92.7463



96.9050, 38.5008, 111.4623



90.8290, -44.7787, -57.7320

Square

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



96.9050, 38.5008, 111.4623



113.7380, -56.0728, 65.1278



94.9870, -14.2906, -83.3036



113.5980, 69.7112, -99.6254

Rectangle

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



96.9050, 38.5008, 111.4623



90.8300, -18.1572, 130.8221



94.9870, -14.2906, -83.3036



111.3400, 40.7514, -97.6452

Sweetspot

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



96.9050, 38.5008, 111.4623



211.3850, 13.1212, 38.2504



54.9500, 83.3417, 8.8138



100.9180, 7.9284, 23.7509



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.



96.9050, 38.5008, 111.4623



98.4750, 47.5868, 137.2724



85.1630, -6.4894, 121.7600



105.3150, 2.3097, 5.8627



67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Inverse Universe

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



96.9050, 38.5008, 111.4623



98.4750, 47.5868, 137.2724



155.8370, 6.4894, -121.7600



105.3150, 2.3097, 5.8627



67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 96.9050, 38.5008, 111.4623 looks on a white background.

Color Contrast Check

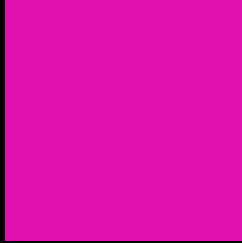
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.9050, 38.5008, 111.4623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

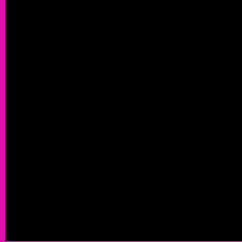
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.9050, 38.5008, 111.4623

Background



This preview shows how black text looks on a background with the YUV color 96.9050, 38.5008, 111.4623.



This preview shows how white text looks on a background with the YUV color 96.9050, 38.5008,

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

96.9050, 38.5008, 111.4623

Protanopia

108.1770, 68.4397, -65.0532

Deuteranopia

123.2110, 20.1090, -9.8320



Tritanopia

114.1100, -19.7742, 89.3575

Trichromacy



Original Color

96.9050, 38.5008, 111.4623



Protanomaly

104.1250, 57.6194, -0.9866



Deuteranomaly

113.6200, 26.8093, 34.5363



Tritanomaly

108.0720, 1.4435, 97.2839

Monochromacy



Original Color

96.9050, 38.5008, 111.4623



Achromatopsia

97.0000, 0.0000, 0.0000



Achromatomaly

96.9230, 13.8420, 40.4095

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.9050, 38.5008, 111.4623 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(224, 17, 175)` looks like.

```
.text, #text, p{  
    color:rgb(224, 17, 175)  
}
```

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(224, 17, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 17, 175) }
```

Border

The CSS property to change the border of an element to YUV 96.9050, 38.5008, 111.4623 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(224, 17, 175) }
```


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

```
.border{ border-color:rgb(224, 17, 175) }
```

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

Here you see how a box with a 4 pixel rgb(224, 17, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 17, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 17, 175);  
box-shadow:4px 4px 4px 4px rgb(224, 17,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 96.9050, 38.5008, 111.4623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 17, 175) }
```

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

```
.background{ background-color: rgb(224, 17,  
175) }
```

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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