

Converting Colors

YUV(167.0140, 2.4581, 51.7307)

Have a look what the booklet for
YUV(167.0140, 2.4581, 51.7307)
contains.

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Color

**YUV(167.0140, 2.4581,
51.7307)**

Conversions

Conversions Part 1

Format	Color
Hex	E288AC
RGB	226, 136, 172
RGB Percent	89%, 53%, 67%
CMY	0.1137, 0.4667, 0.3255
CMYK	0.00, 0.40, 0.24, 0.11
HSL	336°, 61%, 71%
HSV	336°, 40%, 89%
XYZ	47.6146, 36.7556, 43.6147
YIQ	167.0140, 42.0840, 30.2760

Conversions

Conversions Part 2

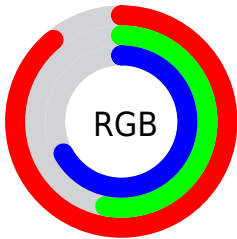
Format	Color
R_{YB}	226, 136, 172
Decimal	14846124
CIE _{Lab}	67.09, 38.94, -4.17
CIE _{LCh}	67, 39.165, 353.893
Yxy	36.7556, 0.3720, 0.2872
Android (android.graphics.Color)	4293036204 (0xFFE288AC)
YUV	167.0140, 2.4581, 51.7307
Hunter-Lab	60.6264, 34.0935, -0.2148

Details

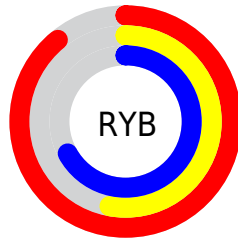
The YUV color **167.0140, 2.4581, 51.7307** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **194.9860, -2.4581, -51.7307**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2400, 6.2907, 35.7465**, and **113.5190, 3.1951, 48.6568** is the 20% darker color. If you saturate the color by 10%, you get **151.9170, 2.9989, 64.9708**, and if you desaturate by 10%, it is **182.1110, 1.9173, 38.4907**.

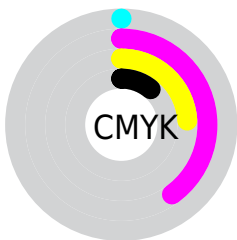
Distribution



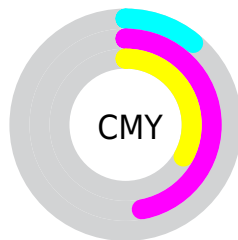
- Red (89%)
- Green (53%)
- Blue (67%)



- Red (89%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0140, 2.4581, 51.7307 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 167.0140, 2.4581, 51.7307 by changing the saturation by 10% instead.

167.0140, 2.4581,
51.7307

167.0140, 2.4581,
51.7307

255.0000, 0.0000,
0.0000

140.0030, 2.4635,
49.9864

214.2400, 6.2907,
35.7465

113.5190, 3.1951,
48.6568

233.8680, 10.4181,
18.5328

87.6220, 3.6374,
46.8125

250.8910, 2.0257,
3.6036

61.5510, 4.6584,
45.9978

32.7730, 7.9999,
47.5571

21.7300, 3.0911,
35.3168

12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,
0.0000

■ 167.0140, 2.4581,
51.7307

■ 167.0140, 2.4581,
51.7307

■ 151.9170, 2.9989,
64.9708

■ 182.1110, 1.9173,
38.4907

■ 137.5210, 3.6871,
77.5961

■ 196.5070, 1.2290,
25.8654

■ 122.4240, 4.2280,
90.8362

■ 211.6040, 0.6882,
12.6253

■ 108.0280, 4.9162,
103.4614

■ 226.0000, 0.0000,
0.0000

■ 92.9310, 5.4570,
116.7015

■ 241.0970, -0.5408,
-13.2401

■ 77.9480, 6.4346,
129.8416

■ 246.1010, 3.4012,
-17.6286

■ 77.8340, 5.9978,
129.9416

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



167.9970, 18.2425, 28.9436



167.0140, 2.4581, 51.7307



165.1060, -13.8563, 57.7890

Triad

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



167.0140, 2.4581, 51.7307



157.7910, -29.9700, -0.6937



129.4520, 44.1472, -113.5294

Complementary

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



167.0140, 2.4581, 51.7307



194.9860, -2.4581, -51.7307

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.



128.6080, 30.7593, -112.7892



167.0140, 2.4581, 51.7307



152.8500, -16.1950, -32.3174

Square

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



167.0140, 2.4581, 51.7307



161.3430, -33.6931, 26.8862



144.2380, 5.3057, -68.6147



154.4690, 38.7158, -51.2773

Rectangle

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



167.0140, 2.4581, 51.7307



164.4400, -23.8809, 53.1111



144.2380, 5.3057, -68.6147



129.1270, 40.3634, -113.2444

Sweetspot

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



167.0140, 2.4581, 51.7307



234.7510, 1.1088, 17.7584



162.4060, 31.3518, 24.1999



116.1800, 0.4043, 10.3661



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.



167.0140, 2.4581, 51.7307



175.0640, 3.4194, 70.1039



168.1930, -15.8711, 50.6967



104.7450, 0.1257, 6.3626



60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Inverse Universe

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



167.0140, 2.4581, 51.7307



175.0640, 3.4194, 70.1039



193.8070, 15.8711, -50.6967



104.7450, 0.1257, 6.3626



60.6040, 4.6322, 101.2023



16.5180, 1.2236, 27.6097

Previews

White Background



This preview shows how the YUV color 167.0140, 2.4581, 51.7307 looks on a white background.

Color Contrast Check

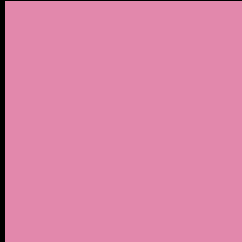
Large Text (above 18pt) WCAG AA × Fail

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 167.0140, 2.4581, 51.7307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

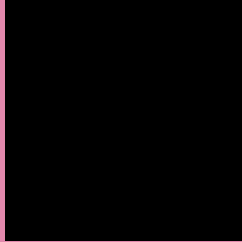
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.0140, 2.4581, 51.7307

Background



This preview shows how black text looks on a background with the YUV color 167.0140, 2.4581, 51.7307.



This preview shows how white text looks on a background with the YUV color 167.0140, 2.4581,

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

167.0140, 2.4581, 51.7307

Protanopia

164.0670, 11.7990, -4.4438

Deuteranopia

165.7070, 1.1304, 10.7810



Tritanopia

166.2560, -8.0142, 50.6415

Trichromacy



Original Color

167.0140, 2.4581, 51.7307



Protanomaly

165.2760, 8.2449, 15.5439



Deuteranomaly

166.2080, 1.3765, 25.2506



Tritanomaly

166.8800, -4.3778, 50.9712

Monochromacy



Original Color

167.0140, 2.4581, 51.7307



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.0500, 0.9614, 18.3732

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0140, 2.4581, 51.7307 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, 136, 172)` looks like.

```
.text, #text, p{  
    color:rgb(226, 136, 172)  
}
```

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, 136, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 136, 172) }
```

Border

The CSS property to change the border of an element to YUV 167.0140, 2.4581, 51.7307 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, 136, 172) }
```


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

```
.border{ border-color:rgb(226, 136, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 136, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 136, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 136, 172);  
box-shadow:4px 4px 4px 4px rgb(226, 136,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 167.0140, 2.4581, 51.7307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 136, 172) }
```

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

```
.background{ background-color: rgb(226,  
136, 172) }
```

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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