

Converting Colors

YUV(112.6840, 30.2288,
104.6401)

Have a look what the booklet for
YUV(112.6840, 30.2288, 104.6401)
contains.

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Color

**YUV(112.6840, 30.2288,
104.6401)**

Conversions

Conversions Part 1

Format	Color
Hex	E828AE
RGB	232, 40, 174
RGB Percent	91%, 16%, 68%
CMY	0.0902, 0.8431, 0.3176
CMYK	0.00, 0.83, 0.25, 0.09
HSL	318°, 81%, 53%
HSV	318°, 83%, 91%
XYZ	41.6775, 21.7294, 42.0419
YIQ	112.6840, 71.4180, 82.3780

Conversions

Conversions Part 2

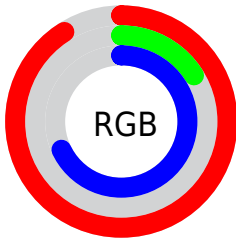
Format	Color
R_{YB}	232, 40, 174
Decimal	15214766
CIE _{Lab}	53.74, 79.26, -25.40
CIE _{LCh}	54, 83.232, 342.233
Yxy	21.7294, 0.3952, 0.2061
Android (android.graphics.Color)	4293404846 (0xFFE828AE)
YUV	112.6840, 30.2288, 104.6401
Hunter-Lab	46.6148, 78.0179, -20.8434

Details

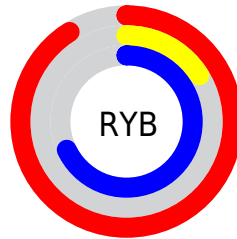
The YUV color **112.6840, 30.2288, 104.6401** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **159.3160, -30.2288, -104.6401**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0350, 31.0417, 77.1453**, and **64.9230, 27.6460, 93.0295** is the 20% darker color. If you saturate the color by 10%, you get **98.3850, 33.8272, 117.1804**, and if you desaturate by 10%, it is **126.9830, 26.6304, 92.0999**.

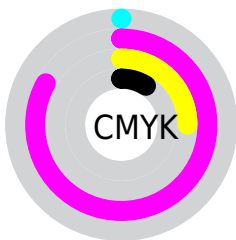
Distribution



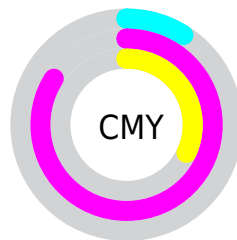
- Red (91%)
- Green (16%)
- Blue (68%)



- Red (91%)
- Yellow (16%)
- Blue (68%)



- Cyan (0%)
- Magenta (83%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (84%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.6840, 30.2288, 104.6401 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 112.6840, 30.2288, 104.6401 by changing the saturation by 10% instead.


 112.6840, 30.2288,
104.6401

 112.6840, 30.2288,
104.6401


255.0000, 0.0000,
0.0000


 77.1560, 34.4331,
109.4882


 167.0350, 31.0417,
77.1453


 64.9230, 27.6460,
93.0295


 187.4950, 33.2800,
59.2019

 53.4020, 21.0008,
77.7004

 205.1050, 24.5982,
43.7579

 41.6960, 14.9399,
61.6566

 222.7150, 15.9165,
28.3139

 30.7020, 9.0209,
46.7423

 240.3250, 7.2348,
12.8700

 19.6370, 4.1230,
31.0134

 6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,
0.0000

■ 112.6840, 30.2288,
104.6401

■ 112.6840, 30.2288,
104.6401

■ 98.3850, 33.8272,
117.1804

■ 126.9830, 26.6304,
92.0999

■ 87.8360, 36.5629,
126.4318

■ 141.2820, 23.0320,
79.5597

■ 156.1680, 19.1442,
66.5047

■ 170.4670, 15.5458,
53.9644

■ 184.7660, 11.9474,
41.4242

■ 199.0650, 8.3490,
28.8840

■ 213.3640, 4.7505,
16.3438

■ 228.2500, 0.8628,
3.2887

■ 242.5490, -2.7357,
-9.2515

Harmonies

Analogous

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



130.2430, 52.1382, 30.4819



112.6840, 30.2288, 104.6401



93.2480, 4.8077, 138.3485

Triad

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



112.6840, 30.2288, 104.6401



117.8160, -58.0833, 9.8084



117.6950, 52.4084, -103.2185

Complementary

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



112.6840, 30.2288, 104.6401



159.3160, -30.2288, -104.6401

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.



111.2310, 22.5641, -97.5496



112.6840, 30.2288, 104.6401



96.4330, -47.5415, -58.2617

Square

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



112.6840, 30.2288, 104.6401



120.7930, -59.5509, 60.6945



100.8060, -9.7644, -88.4069



116.5330, 68.2642, -102.1994

Rectangle

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



112.6840, 30.2288, 104.6401



109.5650, -26.4075, 117.0225



100.8060, -9.7644, -88.4069



116.0020, 43.3830, -101.7338

Sweetspot

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



112.6840, 30.2288, 104.6401



215.2660, 10.2219, 34.8467



79.2300, 75.3156, 16.4613



103.7390, 6.0447, 21.2769



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.



112.6840, 30.2288, 104.6401



98.4120, 39.7299, 137.3277



101.7400, -11.7038, 114.2380



107.5000, 1.7255, 6.5775



67.7710, 28.2139, 97.5478



19.3530, 8.2070, 27.7544

Inverse Universe

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



112.6840, 30.2288, 104.6401



98.4120, 39.7299, 137.3277



170.2600, 11.7038, -114.2380



107.5000, 1.7255, 6.5775



67.7710, 28.2139, 97.5478



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 112.6840, 30.2288, 104.6401 looks on a white background.

Color Contrast Check

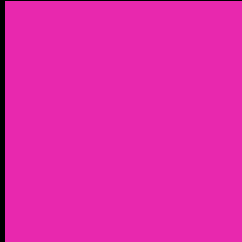
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6840, 30.2288, 104.6401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

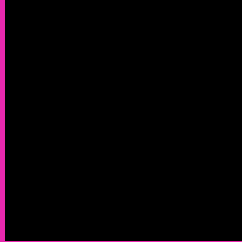
Any Text WCAG AA ✓ Pass

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 112.6840, 30.2288, 104.6401 Background



This preview shows how black text looks on a background with the YUV color 112.6840, 30.2288, 104.6401.



This preview shows how white text looks on a background with the YUV color 112.6840, 30.2288, 104.6401.

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

112.6840, 30.2288, 104.6401

Protanopia

122.0350, 57.1707, -43.8807

Deuteranopia

130.0220, 16.7512, -6.1583



Tritanopia

121.0070, -20.2165, 91.2019

Trichromacy



Original Color

112.6840, 30.2288, 104.6401



Protanomaly

118.5580, 47.5459, 10.0346



Deuteranomaly

123.6540, 21.8626, 34.5064



Tritanomaly

118.1490, -2.0455, 96.3393

Monochromacy



Original Color

112.6840, 30.2288, 104.6401



Achromatopsia

113.0000, 0.0000, 0.0000



Achromatomaly

112.5160, 11.0846, 38.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6840, 30.2288, 104.6401 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(232, 40, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 40, 174)  
}
```

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(232, 40, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 40, 174) }
```

Border

The CSS property to change the border of an element to YUV 112.6840, 30.2288, 104.6401 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(232, 40, 174) }
```


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

```
.border{ border-color:rgb(232, 40, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 40, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 40, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 40, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 40,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 112.6840, 30.2288, 104.6401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 40, 174) }
```

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

```
.background{ background-color: rgb(232, 40,  
174) }
```

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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