

Converting Colors

YUV(107.2880, 47.6790,
107.6184)

Have a look what the booklet for
YUV(107.2880, 47.6790, 107.6184)
contains.

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Color

**YUV(107.2880, 47.6790,
107.6184)**

Conversions

Conversions Part 1

Format	Color
Hex	E61ACC
RGB	230, 26, 204
RGB Percent	90%, 10%, 80%
CMY	0.0980, 0.8980, 0.2000
CMYK	0.00, 0.89, 0.11, 0.10
HSL	308°, 80%, 50%
HSV	308°, 89%, 90%
XYZ	43.9016, 21.9214, 59.0441
YIQ	107.2880, 64.4460, 98.6060

Conversions

Conversions Part 2

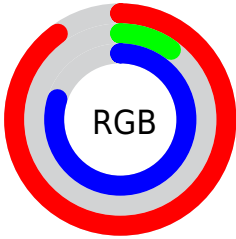
Format	Color
R _{YB}	230, 26, 204
Decimal	15080140
CIE _{Lab}	53.94, 85.02, -42.50
CIE _{LCh}	54, 95.051, 333.440
Yxy	21.9214, 0.3516, 0.1756
Android (android.graphics.Color)	4293270220 (0xFFE61ACC)
YUV	107.2880, 47.6790, 107.6184
Hunter-Lab	46.8203, 85.4370, -41.9952

Details

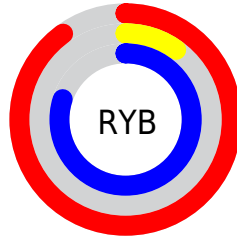
The YUV color **107.2880, 47.6790, 107.6184** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **148.7120, -47.6790, -107.6184**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **67.8160, 40.0237, 89.6154** is the 20% darker color. If you saturate the color by 10%, you get **93.4450, 53.0246, 119.7587**, and if you desaturate by 10%, it is **121.1310, 42.3334, 95.4781**.

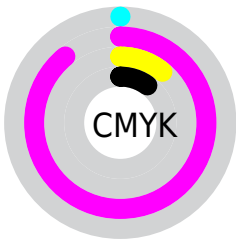
Distribution



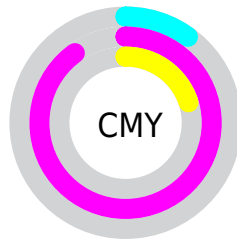
- Red (90%)
- Green (10%)
- Blue (80%)



- Red (90%)
- Yellow (10%)
- Blue (80%)



- Cyan (0%)
- Magenta (89%)
- Yellow (11%)
- Black (10%)




- Cyan (10%)
- Magenta (90%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.2880, 47.6790, 107.6184 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 107.2880, 47.6790, 107.6184 by changing the saturation by 10% instead.


 107.2880, 47.6790,
107.6184


 107.2880, 47.6790,
107.6184


255.0000, 0.0000,
0.0000


 79.8640, 47.3950,
105.3593


 166.3630, 43.6980,
77.7346


 67.8160, 40.0237,
89.6154


 185.1470, 34.4375,
61.2611

 55.8820, 33.0892,
73.7715


 202.7570, 25.7558,
45.8171

 44.2470, 26.0072,
58.5424

 220.3670, 17.0741,
30.3731

 33.1390, 19.6515,
43.7281

 238.5640, 8.1029,
14.4144

 21.8460, 13.8799,
28.1991

 9.3570, 8.6980,

10.2109

■ 0.0000, 0.0000,
0.0000

■ 107.2880, 47.6790,
107.6184

■ 107.2880, 47.6790,
107.6184

■ 93.4450, 53.0246,
119.7587

■ 121.1310, 42.3334,
95.4781

■ 91.6840, 53.8928,
121.3031

■ 134.9740, 36.9878,
83.3378

■ 148.8170, 31.6422,
71.1975

■ 162.6600, 26.2966,
59.0572

■ 176.5030, 20.9510,
46.9169

■ 190.3460, 15.6054,
34.7766

■ 204.1890, 10.2598,
22.6362

■ 217.9180, 4.4774,
10.5959

■ 231.7610, -0.8682,
-1.5444

Harmonies

Analogous

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



126.3300, 63.4343, 0.5876



107.2880, 47.6790, 107.6184



90.3810, 16.5742, 144.3709

Triad

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



107.2880, 47.6790, 107.6184



120.2740, -59.2951, 25.1927



119.9460, 48.3406, -105.1926

Complementary

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



107.2880, 47.6790, 107.6184



148.7120, -47.6790, -107.6184

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.



110.1250, 13.2494, -96.5796



107.2880, 47.6790, 107.6184



103.6200, -51.0847, -41.7627

Square

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



107.2880, 47.6790, 107.6184



118.8650, -58.6004, 82.5564



97.5170, -24.9049, -85.5224



120.6420, 66.2385, -105.8030

Rectangle

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



107.2880, 47.6790, 107.6184



84.2250, -7.0129, 149.7697



97.5170, -24.9049, -85.5224



117.0960, 37.4207, -102.6932

Sweetspot

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



107.2880, 47.6790, 107.6184



213.4710, 16.0368, 36.4209



56.4320, 85.5690, -5.6409



103.2490, 9.2442, 21.7066



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.



107.2880, 47.6790, 107.6184



101.6670, 59.8172, 134.4730



95.8880, 3.9992, 117.6162



107.7280, 2.5991, 6.3775



71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546

Inverse Universe

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



107.2880, 47.6790, 107.6184



101.6670, 59.8172, 134.4730



160.1120, -3.9992, -117.6162



107.7280, 2.5991, 6.3775



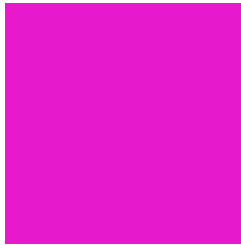
71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 107.2880, 47.6790, 107.6184 looks on a white background.

Color Contrast Check

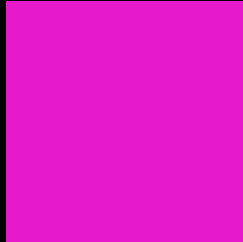
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.2880, 47.6790, 107.6184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

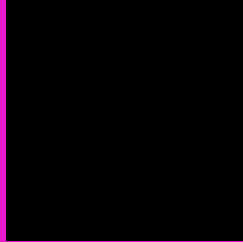
Any Text WCAG AA ✓ Pass

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 107.2880, 47.6790, 107.6184 Background



This preview shows how black text looks on a background with the YUV color 107.2880, 47.6790, 107.6184.



This preview shows how white text looks on a background with the YUV color 107.2880, 47.6790, 107.6184.

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

107.2880, 47.6790, 107.6184

Protanopia

117.0850, 67.9921, -61.4645

Deuteranopia

128.1090, 31.4983, -22.8976



Tritanopia

124.2340, -17.8634, 83.1098

Trichromacy



Original Color

107.2880, 47.6790, 107.6184



Protanomaly

113.8200, 60.2347, 0.1579



Deuteranomaly

120.8990, 37.0248, 24.6446



Tritanomaly

117.8910, 5.9697, 92.1806

Monochromacy



Original Color

107.2880, 47.6790, 107.6184



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.4220, 17.0470, 39.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2880, 47.6790, 107.6184 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(230, 26, 204)` looks like.

```
.text, #text, p{  
    color:rgb(230, 26, 204)  
}
```

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(230, 26, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 26, 204) }
```

Border

The CSS property to change the border of an element to YUV 107.2880, 47.6790, 107.6184 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(230, 26, 204) }
```


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

```
.border{ border-color:rgb(230, 26, 204) }
```

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

Here you see how a box with a 4 pixel rgb(230, 26, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 26, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 26, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 26,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 107.2880, 47.6790, 107.6184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 26, 204) }
```

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

```
.background{ background-color: rgb(230, 26,  
204) }
```

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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