

Converting Colors

YUV(106.6410, 48.9840,
109.0628)

Have a look what the booklet for
YUV(106.6410, 48.9840, 109.0628)
contains.

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Color

**YUV(106.6410, 48.9840,
109.0628)**

Conversions

Conversions Part 1

Format	Color
Hex	E718CE
RGB	231, 24, 206
RGB Percent	91%, 9%, 81%
CMY	0.0941, 0.9059, 0.1922
CMYK	0.00, 0.90, 0.11, 0.09
HSL	307°, 81%, 50%
HSV	307°, 90%, 91%
XYZ	44.4222, 22.0984, 60.3166
YIQ	106.6410, 64.9500, 100.4860

Conversions

Conversions Part 2

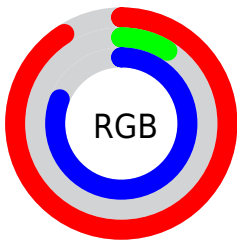
Format	Color
R _{YB}	231, 24, 206
Decimal	15145166
CIE Lab	54.13, 85.73, -43.34
CIE LCh	54, 96.065, 333.182
Yxy	22.0984, 0.3502, 0.1742
Android (android.graphics.Color)	4293335246 (0xFFE718CE)
YUV	106.6410, 48.9840, 109.0628
Hunter-Lab	47.0090, 86.4120, -43.1680

Details

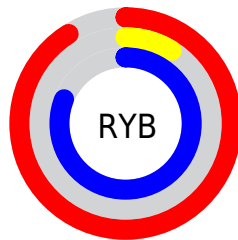
The YUV color **106.6410, 48.9840, 109.0628** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **148.3590, -48.9840, -109.0628**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **68.3430, 40.7499, 90.0302** is the 20% darker color. If you saturate the color by 10%, you get **92.7980, 54.3296, 121.2032**, and if you desaturate by 10%, it is **120.4840, 43.6384, 96.9225**.

Distribution



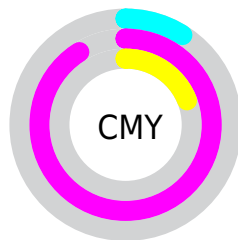
- Red (91%)
- Green (9%)
- Blue (81%)



- Red (91%)
- Yellow (9%)
- Blue (81%)



- Cyan (0%)
- Magenta (90%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (91%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.6410, 48.9840, 109.0628 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 106.6410, 48.9840, 109.0628 by changing the saturation by 10% instead.


 106.6410, 48.9840,
109.0628


 106.6410, 48.9840,
109.0628


255.0000, 0.0000,
0.0000


 80.3910, 48.1212,
105.7741


 166.3630, 43.6980,
77.7346


 68.3430, 40.7499,
90.0302


 184.5600, 34.7269,
61.7759

 56.4090, 33.8154,
74.1863

 202.7570, 25.7558,
45.8171

 44.7740, 26.7334,
58.9572

 220.3670, 17.0741,
30.3731

 33.3670, 20.5251,
43.5281

 238.5640, 8.1029,
14.4144

 22.2590, 14.1693,
28.7139

 9.8840, 9.4242,

10.6257

■ 0.0000, 0.0000,
0.0000

■ 106.6410, 48.9840,
109.0628

■ 106.6410, 48.9840,
109.0628

■ 92.7980, 54.3296,
121.2032

■ 120.4840, 43.6384,
96.9225

■ 92.2110, 54.6190,
121.7180

■ 134.3270, 38.2928,
84.7822

■ 148.0560, 32.5104,
72.7419

■ 161.8990, 27.1648,
60.6016

■ 176.3290, 21.5298,
47.9465

■ 190.1720, 16.1842,
35.8062

■ 204.0150, 10.8386,
23.6658

■ 217.7440, 5.0562,
11.6255

■ 231.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



126.0310, 63.5817, -0.0272



106.6410, 48.9840, 109.0628



90.4950, 17.0110, 144.2709

Triad

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



106.6410, 48.9840, 109.0628



121.1600, -59.7319, 25.2927



120.0600, 48.7774, -105.2926

Complementary

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



106.6410, 48.9840, 109.0628



148.3590, -48.9840, -109.0628

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.



110.5980, 12.5232, -96.9944



106.6410, 48.9840, 109.0628



104.2070, -51.3741, -42.2775

Square

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



106.6410, 48.9840, 109.0628



118.5770, -58.4585, 83.6860



97.8760, -26.0679, -85.8373



121.2290, 65.9491, -106.3178

Rectangle

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



106.6410, 48.9840, 109.0628



84.3390, -6.5761, 149.6697



97.8760, -26.0679, -85.8373



117.6830, 37.1313, -103.2080

Sweetspot

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



106.6410, 48.9840, 109.0628



213.5850, 16.4736, 36.3210



54.7740, 86.8794, -5.9408



103.3630, 9.6810, 21.6066



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.



106.6410, 48.9840, 109.0628



101.7810, 60.2540, 134.3731



94.8990, 3.9938, 119.3606



107.7280, 2.5991, 6.3775



71.4190, 42.1914, 94.3485



20.3790, 12.1382, 26.8546

Inverse Universe

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



106.6410, 48.9840, 109.0628



101.7810, 60.2540, 134.3731



160.1010, -3.9938, -119.3606



107.7280, 2.5991, 6.3775



71.4190, 42.1914, 94.3485



20.3790, 12.1382, 26.8546

Previews

White Background



This preview shows how the YUV color 106.6410, 48.9840, 109.0628 looks on a white background.

Color Contrast Check

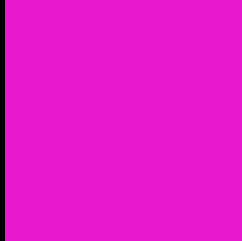
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.6410, 48.9840, 109.0628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

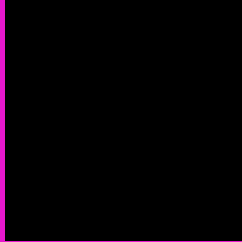
Any Text WCAG AA ✓ Pass

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 106.6410, 48.9840, 109.0628 Background



This preview shows how black text looks on a background with the YUV color 106.6410, 48.9840, 109.0628.



This preview shows how white text looks on a background with the YUV color 106.6410, 48.9840,

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

106.6410, 48.9840, 109.0628

Protanopia

117.6830, 67.6973, -60.2350

Deuteranopia

128.3370, 32.3719, -23.0975



Tritanopia

124.5330, -18.0108, 83.7246

Trichromacy



Original Color

106.6410, 48.9840, 109.0628



Protanomaly

113.6460, 60.8135, 1.1875



Deuteranomaly

120.5400, 38.1878, 24.9594



Tritanomaly

118.3040, 6.2591, 92.6954

Monochromacy



Original Color

106.6410, 48.9840, 109.0628



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.9490, 17.7731, 39.5097

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6410, 48.9840, 109.0628 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(231, 24, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 24, 206)  
}
```

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(231, 24, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 24, 206) }
```

Border

The CSS property to change the border of an element to YUV 106.6410, 48.9840, 109.0628 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(231, 24, 206) }
```


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

```
.border{ border-color:rgb(231, 24, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 24, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 24, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 24, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 24,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 106.6410, 48.9840, 109.0628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 24, 206) }
```

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

```
.background{ background-color: rgb(231, 24,  
206) }
```

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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