

Converting Colors

YUV(116.7410, 13.4387,
76.5261)

Have a look what the booklet for
YUV(116.7410, 13.4387, 76.5261)
contains.

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Color

**YUV(116.7410, 13.4387,
76.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4390
RGB	204, 67, 144
RGB Percent	80%, 26%, 56%
CMY	0.2000, 0.7373, 0.4353
CMYK	0.00, 0.67, 0.29, 0.20
HSL	326°, 57%, 53%
HSV	326°, 67%, 80%
XYZ	31.9430, 18.8653, 28.3433
YIQ	116.7410, 56.9350, 52.9910

Conversions

Conversions Part 2

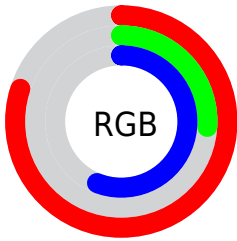
Format	Color
R_{YB}	204, 67, 144
Decimal	13386640
CIE _{Lab}	50.53, 60.87, -13.00
CIE _{LCh}	51, 62.237, 347.948
Yxy	18.8653, 0.4036, 0.2383
Android (android.graphics.Color)	4291576720 (0xFFCC4390)
YUV	116.7410, 13.4387, 76.5261
Hunter-Lab	43.4342, 55.2653, -8.2862

Details

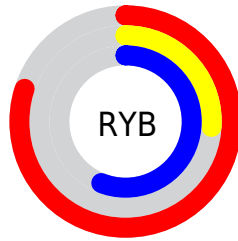
The YUV color **116.7410, 13.4387, 76.5261** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **154.2590, -13.4387, -76.5261**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6050, 13.0127, 73.1374**, and **54.3700, 19.5376, 80.3595** is the 20% darker color. If you saturate the color by 10%, you get **103.9750, 15.2953, 87.7219**, and if you desaturate by 10%, it is **129.5070, 11.5820, 65.3304**.

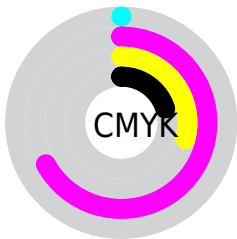
Distribution



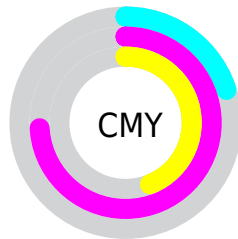
- Red (80%)
- Green (26%)
- Blue (56%)



- Red (80%)
- Yellow (26%)
- Blue (56%)



- Cyan (0%)
- Magenta (67%)
- Yellow (29%)
- Black (20%)





- Cyan (20%)
- Magenta (74%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.7410, 13.4387, 76.5261 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 116.7410, 13.4387, 76.5261 by changing the saturation by 10% instead.


 116.7410, 13.4387,
76.5261


 116.7410, 13.4387,
76.5261


255.0000, 0.0000,
0.0000


 86.3220, 15.6173,
77.7706

 171.6050, 13.0127,
73.1374


 54.3700, 19.5376,
80.3595


 191.2330, 17.1401,
55.9237


 42.9630, 13.3292,
64.9304


 211.5620, 21.4149,
38.0951

 32.0830, 7.8471,
49.9162

 228.5850, 13.0226,
23.1660

 22.2140, 2.3595,
36.6463

 245.6080, 4.6303,
8.2368

 10.2800, -4.5750,
20.8024

 0.0000, 0.0000,

0.0000

■ 116.7410, 13.4387,
76.5261

■ 116.7410, 13.4387,
76.5261

■ 103.9750, 15.2953,
87.7219

■ 129.5070, 11.5820,
65.3304

■ 90.6220, 17.4414,
99.4325

■ 142.8600, 9.4360,
53.6198

■ 77.8560, 19.2980,
110.6283

■ 155.6260, 7.5794,
42.4240

■ 74.1060, 20.1607,
113.9170

■ 168.9790, 5.4334,
30.7134

■ 181.7450, 3.5767,
19.5176

■ 194.5110, 1.7201,
8.3219

■ 207.8640, -0.4260,
-3.3887

■ 220.5160, -2.7194,
-14.4845

■ 233.8690, -4.8654,
-26.1951

Harmonies

Analogous

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



123.7430, 33.6507, 33.5514



116.7410, 13.4387, 76.5261



113.1020, -10.8963, 88.4875

Triad

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



116.7410, 13.4387, 76.5261



108.9340, -53.7045, 5.3199



105.9260, 45.3925, -92.8971

Complementary

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



116.7410, 13.4387, 76.5261



154.2590, -13.4387, -76.5261

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.



101.8560, 24.7210, -89.3277



116.7410, 13.4387, 76.5261



99.2490, -28.2238, -47.5764

Square

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



116.7410, 13.4387, 76.5261



113.0080, -55.7129, 42.9660



94.8850, 0.5497, -83.2141



103.6070, 59.3537, -90.8633

Rectangle

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



116.7410, 13.4387, 76.5261



114.2800, -27.7460, 79.5614



94.8850, 0.5497, -83.2141



104.9170, 38.9879, -92.0122

Sweetspot

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



116.7410, 13.4387, 76.5261



222.5550, 5.1494, 28.4543



100.2590, 51.1443, 22.5749



108.2070, 2.8559, 17.3585



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.



116.7410, 13.4387, 76.5261



123.2310, 20.5921, 115.5614



108.9890, -16.2636, 83.3246



95.6740, 1.1467, 5.5479



60.2360, 16.1527, 92.7550



13.7560, 3.5713, 21.2620

Inverse Universe

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



116.7410, 13.4387, 76.5261



123.2310, 20.5921, 115.5614



162.0110, 16.2636, -83.3246



95.6740, 1.1467, 5.5479



60.2360, 16.1527, 92.7550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 116.7410, 13.4387, 76.5261 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 116.7410, 13.4387, 76.5261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

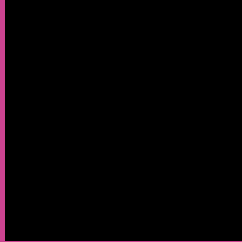
Any Text WCAG AA ✓ Pass

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 116.7410, 13.4387, 76.5261 Background



This preview shows how black text looks on a background with the YUV color 116.7410, 13.4387, 76.5261.



This preview shows how white text looks on a background with the YUV color 116.7410, 13.4387,

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

116.7410, 13.4387, 76.5261

Protanopia

120.3870, 29.8822, -17.8794

Deuteranopia

122.2590, 7.2673, 2.4039



Tritanopia

117.5530, -15.0626, 71.4290

Trichromacy



Original Color

116.7410, 13.4387, 76.5261

Protanomaly

119.1140, 24.1008, 16.5630

Deuteranomaly

120.1190, 9.8013, 29.7136

Tritanomaly

117.6100, -4.7377, 73.1330

Monochromacy



Original Color

116.7410, 13.4387, 76.5261

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1420, 4.8600, 27.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7410, 13.4387, 76.5261 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(204, 67, 144)` looks like.

```
.text, #text, p{  
    color:rgb(204, 67, 144)  
}
```

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(204, 67, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 67, 144) }
```

Border

The CSS property to change the border of an element to YUV 116.7410, 13.4387, 76.5261 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(204, 67, 144) }
```


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

```
.border{ border-color:rgb(204, 67, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 67, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 67, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 67, 144);  
box-shadow:4px 4px 4px 4px rgb(204, 67,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 116.7410, 13.4387, 76.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 67, 144) }
```

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

```
.background{ background-color: rgb(204, 67,  
144) }
```

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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