

Converting Colors

YUV(112.6650, -4.7648,
81.8548)

Have a look what the booklet for
YUV(112.6650, -4.7648, 81.8548)
contains.

YUV(112.6650, -4.7648, 81.8548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(112.6650, -4.7648,
81.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4367
RGB	206, 67, 103
RGB Percent	81%, 26%, 40%
CMY	0.1922, 0.7373, 0.5961
CMYK	0.00, 0.67, 0.50, 0.19
HSL	344°, 59%, 54%
HSV	344°, 67%, 81%
XYZ	29.9089, 18.1154, 14.7522
YIQ	112.6650, 71.2880, 40.6640

Conversions

Conversions Part 2

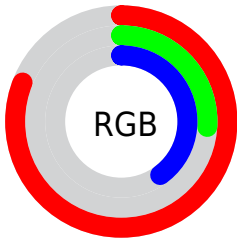
Format	Color
R_{YB}	206, 67, 103
Decimal	13517671
CIE _{Lab}	49.64, 57.17, 10.44
CIE _{LCh}	50, 58.121, 10.351
Yxy	18.1154, 0.4764, 0.2886
Android (android.graphics.Color)	4291707751 (0xFFCE4367)
YUV	112.6650, -4.7648, 81.8548
Hunter-Lab	42.5622, 50.9502, 9.2434

Details

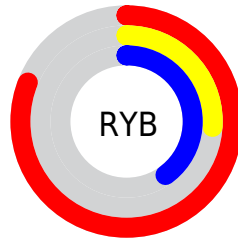
The YUV color **112.6650, -4.7648, 81.8548** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **160.3350, 4.7648, -81.8548**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0020, -5.9170, 78.0512**, and **50.0380, 2.9393, 84.1587** is the 20% darker color. If you saturate the color by 10%, you get **98.6280, -5.2396, 94.1652**, and if you desaturate by 10%, it is **126.7020, -4.2901, 69.5443**.

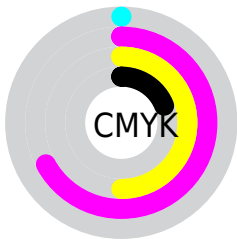
Distribution



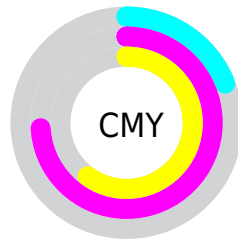
- Red (81%)
- Green (26%)
- Blue (40%)



- Red (81%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (67%)
- Yellow (50%)
- Black (19%)



- Cyan (19%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.6650, -4.7648, 81.8548 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 112.6650, -4.7648, 81.8548 by changing the saturation by 10% instead.

■ 112.6650, -4.7648,
81.8548

■ 112.6650, -4.7648,
81.8548

255.0000, 0.0000,
0.0000

■ 82.7620, -1.8547,
81.7697

■ 166.0020, -5.9170,
78.0512

■ 50.0380, 2.9393,
84.1587

■ 185.5160, -2.2264,
60.9375

■ 38.9730, -1.9587,
68.4297

■ 205.0300, 1.4642,
43.8237

■ 27.9080, -6.8566,
52.7007

■ 225.2450, 5.3022,
26.0951

■ 18.8800, -7.8288,
37.8162

■ 245.0210, 4.9196,
8.7516

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,

0.0000

■ 112.6650, -4.7648,
81.8548

■ 112.6650, -4.7648,
81.8548

■ 98.6280, -5.2396,
94.1652

■ 126.7020, -4.2901,
69.5443

■ 85.0640, -6.4406,
106.0609

■ 140.2660, -3.0891,
57.6487

■ 71.0270, -6.9153,
118.3713

■ 154.3030, -2.6144,
45.3383

■ 67.6360, -7.2155,
121.3452

■ 167.7530, -1.8502,
33.5426

■ 181.7900, -1.3755,
21.2322

■ 195.9410, -0.4639,
8.8217

■ 209.3910, 0.3002,
-2.9739

■ 223.4280, 0.7750,
-15.2844

■ 236.8780, 1.5391,
-27.0800

Harmonies

Analogous

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



117.2770, 17.1184, 62.9011



112.6650, -4.7648, 81.8548



113.4210, -28.3086, 73.2988

Triad

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



112.6650, -4.7648, 81.8548



103.1760, -34.1038, -28.2184



101.5380, 53.9648, -89.0488

Complementary

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



112.6650, -4.7648, 81.8548



160.3350, 4.7648, -81.8548

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.



102.2270, 38.8351, -89.6531



112.6650, -4.7648, 81.8548



91.0550, -3.9711, -79.8552

Square

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



112.6650, -4.7648, 81.8548



108.7010, -53.5896, 15.1712



98.0430, 17.7268, -85.9837



100.4680, 56.9573, -68.8164

Rectangle

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



112.6650, -4.7648, 81.8548



112.9510, -42.3738, 57.9250



98.0430, 17.7268, -85.9837



102.5010, 50.0390, -89.8934

Sweetspot

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



112.6650, -4.7648, 81.8548



220.7310, -1.8394, 30.0539



113.3440, 45.6794, 48.8103



107.1810, -1.0752, 18.2583



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.



112.6650, -4.7648, 81.8548



116.0490, -6.9262, 121.8600



127.3450, -29.7501, 68.9804



95.2180, -0.6005, 5.9478



54.5360, -5.6872, 97.7539



12.5020, -1.2335, 22.3617

Inverse Universe

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



112.6650, -4.7648, 81.8548



116.0490, -6.9262, 121.8600



145.6550, 29.7501, -68.9804



95.2180, -0.6005, 5.9478



54.5360, -5.6872, 97.7539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 112.6650, -4.7648, 81.8548 looks on a white background.

Color Contrast Check

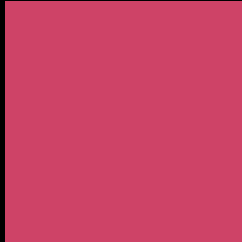
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 112.6650, -4.7648, 81.8548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

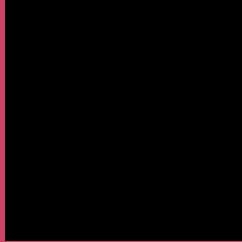
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.6650, -4.7648, 81.8548

Background



This preview shows how black text looks on a background with the YUV color 112.6650, -4.7648, 81.8548.



This preview shows how white text looks on a background with the YUV color 112.6650, -4.7648,

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

112.6650, -4.7648, 81.8548

Protanopia

119.0690, 5.3890, -1.8145

Deuteranopia

119.1240, -11.4001, 16.5543



Tritanopia

112.0380, -17.2737, 80.6507

Trichromacy



Original Color

112.6650, -4.7648, 81.8548

Protanomaly

116.3440, 1.8024, 28.6393

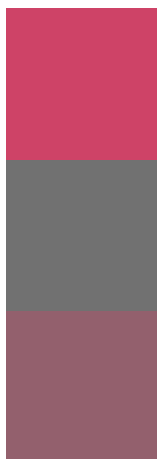
Deuteranomaly

116.9620, -8.8553, 40.3753

Tritanomaly

112.1890, -12.9112, 81.3952

Monochromacy



Original Color

112.6650, -4.7648, 81.8548

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.7310, -1.8394, 30.0539

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6650, -4.7648, 81.8548 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(206, 67, 103)` looks like.

```
.text, #text, p{  
    color:rgb(206, 67, 103)  
}
```

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(206, 67, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 67, 103) }
```

Border

The CSS property to change the border of an element to YUV 112.6650, -4.7648, 81.8548 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(206, 67, 103) }
```


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

```
.border{ border-color:rgb(206, 67, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 67, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 67, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 67, 103);  
box-shadow:4px 4px 4px 4px rgb(206, 67,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 112.6650, -4.7648, 81.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 67, 103) }
```

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

```
.background{ background-color: rgb(206, 67,  
103) }
```

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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