

Converting Colors

YUV(148.6850, 11.4943,
46.7573)

Have a look what the booklet for
YUV(148.6850, 11.4943, 46.7573)
contains.

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Color

**YUV(148.6850, 11.4943,
46.7573)**

Conversions

Conversions Part 1

Format	Color
Hex	CA75AC
RGB	202, 117, 172
RGB Percent	79%, 46%, 67%
CMY	0.2078, 0.5412, 0.3255
CMYK	0.00, 0.42, 0.15, 0.21
HSL	321°, 45%, 63%
HSV	321°, 42%, 79%
XYZ	38.1648, 28.2577, 42.4725
YIQ	148.6850, 33.0050, 35.1250

Conversions

Conversions Part 2

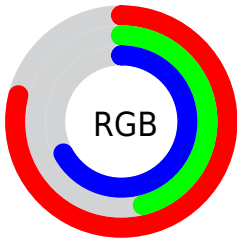
Format	Color
R _Y B	202, 117, 172
Decimal	13268396
CIE Lab	60.12, 40.77, -14.89
CIE LCh	60, 43.401, 339.936
Yxy	28.2577, 0.3505, 0.2595
Android (android.graphics.Color)	4291458476 (0xFFCA75AC)
YUV	148.6850, 11.4943, 46.7573
Hunter-Lab	53.1580, 35.1278, -10.1613

Details

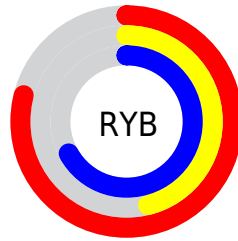
The YUV color **148.6850, 11.4943, 46.7573** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **170.3150, -11.4943, -46.7573**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.5000, 12.0785, 46.0425**, and **96.0760, 11.7945, 43.7833** is the 20% darker color. If you saturate the color by 10%, you get **136.1470, 14.2245, 57.7531**, and if you desaturate by 10%, it is **161.2230, 8.7641, 35.7614**.

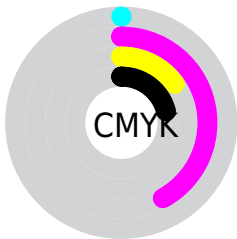
Distribution



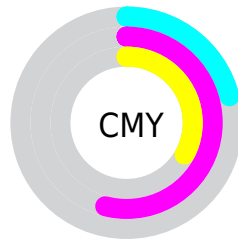
- Red (79%)
- Green (46%)
- Blue (67%)



- Red (79%)
- Yellow (46%)
- Blue (67%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (21%)




- Cyan (21%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.6850, 11.4943, 46.7573 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 148.6850, 11.4943, 46.7573 by changing the saturation by 10% instead.


 148.6850, 11.4943,
46.7573


 148.6850, 11.4943,
46.7573


255.0000, 0.0000,
0.0000

 121.9730, 11.3523,
45.6277


 202.5000, 12.0785,
46.0425


 96.0760, 11.7945,
43.7833

 222.1280, 16.2059,
28.8287

 69.8910, 12.3787,
43.0686

 238.5640, 8.1029,
14.4144

 42.3580, 14.1205,
44.4130

 25.6190, 11.5268,
36.2911

 16.9460, 5.4496,
25.4804

 0.0000, 0.0000,

0.0000

■ 148.6850, 11.4943,
46.7573

■ 148.6850, 11.4943,
46.7573

■ 136.1470, 14.2245,
57.7531

■ 161.2230, 8.7641,
35.7614

■ 123.6090, 16.9548,
68.7489

■ 173.7610, 6.0338,
24.7656

■ 110.4840, 19.9744,
80.2595

■ 186.8860, 3.0142,
13.2550

■ 97.8320, 22.2678,
91.3553

■ 199.5380, 0.7208,
2.1592

■ 85.2940, 24.9981,
102.3512

■ 212.0760, -2.0095,
-8.8367

■ 75.3320, 27.4443,
111.0878

■ 224.6140, -4.7397,
-19.8325

■ 235.3910, -6.6018,
-29.2839

■ 236.1890, -3.5442,
-29.9838

■ 236.9870, -0.4866,
-30.6836

Harmonies

Analogous

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



148.9010, 27.1638, 14.1188



148.6850, 11.4943, 46.7573



146.4900, -6.1576, 61.8373

Triad

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



148.6850, 11.4943, 46.7573



140.5710, -36.2705, 13.5312



117.6830, 37.1313, -103.2080

Complementary

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



148.6850, 11.4943, 46.7573



170.3150, -11.4943, -46.7573

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.



114.7530, 20.8278, -100.6384



148.6850, 11.4943, 46.7573



135.8210, -25.5478, -19.1370

Square

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



148.6850, 11.4943, 46.7573



143.4910, -34.7521, 39.9114



126.6600, -4.7624, -59.3378



116.1960, 49.2034, -101.9039

Rectangle

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



148.6850, 11.4943, 46.7573



145.3900, -17.9403, 61.0480



126.6600, -4.7624, -59.3378



117.0160, 32.0371, -102.6230

Sweetspot

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



148.6850, 11.4943, 46.7573



234.2610, 4.3083, 18.1881



135.6600, 32.7056, 9.9452



114.7610, 2.5828, 11.6106



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.



148.6850, 11.4943, 46.7573



175.3210, 17.0967, 69.8785



143.8970, -6.8512, 50.9563



95.6740, 1.1467, 5.5479



61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Inverse Universe

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



148.6850, 11.4943, 46.7573



175.3210, 17.0967, 69.8785



175.1030, 6.8512, -50.9563



95.6740, 1.1467, 5.5479



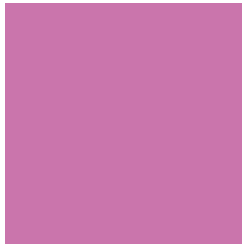
61.8320, 22.2678, 91.3553



14.2120, 5.3185, 20.8621

Previews

White Background



This preview shows how the YUV color 148.6850, 11.4943, 46.7573 looks on a white background.

Color Contrast Check

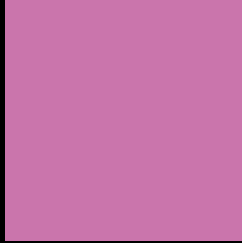
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.6850, 11.4943, 46.7573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

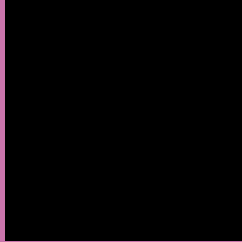
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.6850, 11.4943, 46.7573

Background



This preview shows how black text looks on a background with the YUV color 148.6850, 11.4943, 46.7573.



This preview shows how white text looks on a background with the YUV color 148.6850, 11.4943,

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

148.6850, 11.4943, 46.7573

Protanopia

146.0690, 22.1510, -11.4615

Deuteranopia

147.0570, 10.3249, 1.7040



Tritanopia

147.8530, -6.8295, 43.9789

Trichromacy



Original Color

148.6850, 11.4943, 46.7573



Protanomaly

146.8760, 18.3021, 9.7557



Deuteranomaly

147.5690, 10.5655, 17.9180



Tritanomaly

147.9870, 0.0064, 44.7384

Monochromacy



Original Color

148.6850, 11.4943, 46.7573



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.5490, 4.1663, 17.0585

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6850, 11.4943, 46.7573 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(202, 117, 172)` looks like.

```
.text, #text, p{  
    color:rgb(202, 117, 172)  
}
```

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(202, 117, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 117, 172) }
```

Border

The CSS property to change the border of an element to YUV 148.6850, 11.4943, 46.7573 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(202, 117, 172) }
```


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

```
.border{ border-color:rgb(202, 117, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 117, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 117, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 117, 172);  
box-shadow:4px 4px 4px 4px rgb(202, 117,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 148.6850, 11.4943, 46.7573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 117, 172) }
```

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

```
.background{ background-color: rgb(202,  
117, 172) }
```

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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