

Converting Colors

YUV(148.8760, 11.8931,
58.8677)

Have a look what the booklet for
YUV(148.8760, 11.8931, 58.8677)
contains.

YUV(148.8760, 11.8931, 58.8677)	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(148.8760, 11.8931,
58.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	D86EAD
RGB	216, 110, 173
RGB Percent	85%, 43%, 68%
CMY	0.1529, 0.5686, 0.3216
CMYK	0.00, 0.49, 0.20, 0.15
HSL	324°, 58%, 64%
HSV	324°, 49%, 85%
XYZ	41.4377, 28.7679, 42.9039
YIQ	148.8760, 42.9530, 42.0650

Conversions

Conversions Part 2

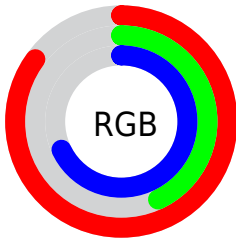
Format	Color
R _Y B	216, 110, 173
Decimal	14184109
CIE Lab	60.58, 49.06, -14.60
CIE LCh	61, 51.186, 343.430
Yxy	28.7679, 0.3663, 0.2543
Android (android.graphics.Color)	4292374189 (0xFFD86EAD)
YUV	148.8760, 11.8931, 58.8677
Hunter-Lab	53.6357, 44.0422, -9.8818

Details

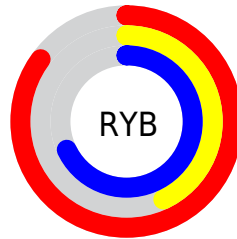
The YUV color **148.8760, 11.8931, 58.8677** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **177.1240, -11.8931, -58.8677**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5050, 14.5410, 49.5461**, and **94.7940, 12.9196, 56.3087** is the 20% darker color. If you saturate the color by 10%, you get **134.9360, 14.3286, 71.0931**, and if you desaturate by 10%, it is **162.8160, 9.4577, 46.6424**.

Distribution



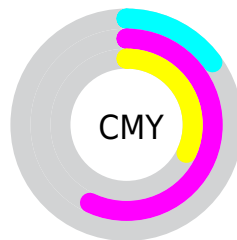
- Red (85%)
- Green (43%)
- Blue (68%)



- Red (85%)
- Yellow (43%)
- Blue (68%)



- Cyan (0%)
- Magenta (49%)
- Yellow (20%)
- Black (15%)




- Cyan (15%)
- Magenta (57%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.8760, 11.8931, 58.8677 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 148.8760, 11.8931, 58.8677 by changing the saturation by 10% instead.


 148.8760, 11.8931,
58.8677


 148.8760, 11.8931,
58.8677


255.0000, 0.0000,
0.0000

 121.2780, 12.1879,
57.6382


 198.5050, 14.5410,
49.5461


 94.7940, 12.9196,
56.3087


 218.6060, 17.9422,
31.9175

 66.5490, 14.5193,
56.5235

 235.0420, 9.8393,
17.5032

 39.3040, 16.1191,
56.7384

 252.0650, 1.4470,
2.5740

 28.6090, 10.0528,
42.4389

 19.4520, 4.7072,
30.2986

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 148.8760, 11.8931,
58.8677

■ 148.8760, 11.8931,
58.8677

■ 134.9360, 14.3286,
71.0931

■ 162.8160, 9.4577,
46.6424

■ 121.5830, 16.4746,
82.8037

■ 176.1690, 7.3117,
34.9318

■ 107.7570, 19.3468,
94.9291

■ 189.9950, 4.4395,
22.8064

■ 94.4040, 21.4928,
106.6397

■ 203.3480, 2.2934,
11.0958

■ 80.4640, 23.9282,
118.8651

■ 217.2880, -0.1420,
-1.1296

■ 79.1760, 24.0702,
119.9946

■ 231.2280, -2.5774,
-13.3550

■ 240.9450, -3.4239,
-21.8768

■ 241.9710, 0.5073,
-22.7766

■ 242.9970, 4.4385,
-23.6764

Harmonies

Analogous

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



150.4550, 30.3417, 21.5260



148.8760, 11.8931, 58.8677



146.0570, -9.3951, 73.6180

Triad

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



148.8760, 11.8931, 58.8677



139.5400, -42.6642, 10.9274



121.0400, 42.3783, -106.1521

Complementary

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



148.8760, 11.8931, 58.8677



177.1240, -11.8931, -58.8677

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.



118.1270, 23.6014, -103.5974



148.8760, 11.8931, 58.8677



133.7830, -27.9940, -27.8737

Square

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



148.8760, 11.8931, 58.8677



143.1510, -42.4724, 42.8406



111.5950, 3.6507, -97.8688



119.1940, 55.6134, -104.5331

Rectangle

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



148.8760, 11.8931, 58.8677



145.1910, -22.7722, 70.8695



111.5950, 3.6507, -97.8688



120.2590, 36.8473, -105.4671

Sweetspot

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



148.8760, 11.8931, 58.8677



230.8700, 4.0081, 21.1620



134.6420, 40.1095, 15.2230



113.3590, 2.2880, 12.8402



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.



148.8760, 11.8931, 58.8677



159.9960, 16.7640, 83.3185



142.9480, -10.8204, 64.0666



100.0870, 1.4361, 6.0627



62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Inverse Universe

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



148.8760, 11.8931, 58.8677



159.9960, 16.7640, 83.3185



183.0520, 10.8204, -64.0666



100.0870, 1.4361, 6.0627



62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 148.8760, 11.8931, 58.8677 looks on a white background.

Color Contrast Check

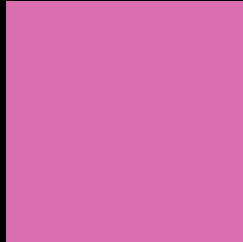
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.8760, 11.8931, 58.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

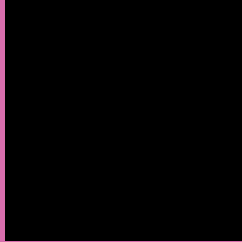
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.8760, 11.8931, 58.8677

Background



This preview shows how black text looks on a background with the YUV color 148.8760, 11.8931, 58.8677.



This preview shows how white text looks on a background with the YUV color 148.8760, 11.8931,

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

148.8760, 11.8931, 58.8677

Protanopia

147.0410, 24.6298, -13.1910

Deuteranopia

148.1280, 9.3039, 2.5187



Tritanopia

147.5340, -9.6303, 55.6597

Trichromacy



Original Color

148.8760, 11.8931, 58.8677



Protanomaly

147.6530, 19.8911, 13.4593



Deuteranomaly

148.4880, 10.1124, 23.2510



Tritanomaly

148.1950, -2.0681, 56.8340

Monochromacy



Original Color

148.8760, 11.8931, 58.8677



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.9840, 4.4449, 21.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8760, 11.8931, 58.8677 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(216, 110, 173)` looks like.

```
.text, #text, p{  
    color:rgb(216, 110, 173)  
}
```

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(216, 110, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 110, 173) }
```

Border

The CSS property to change the border of an element to YUV 148.8760, 11.8931, 58.8677 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(216, 110, 173) }
```


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

```
.border{ border-color:rgb(216, 110, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 110, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 110, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 110, 173);  
box-shadow:4px 4px 4px 4px rgb(216, 110,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 148.8760, 11.8931, 58.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 110, 173) }
```

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

```
.background{ background-color: rgb(216,  
110, 173) }
```

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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