

# Converting Colors

YUV(148.6060, 24.8442,  
58.2275)

Have a look what the booklet for  
YUV(148.6060, 24.8442, 58.2275)  
contains.

<b>YUV(148.6060, 24.8442, 58.2275)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(148.6060, 24.8442,  
58.2275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D769C7
RGB	215, 105, 199
RGB Percent	84%, 41%, 78%
CMY	0.1569, 0.5882, 0.2196
CMYK	0.00, 0.51, 0.07, 0.16
HSL	309°, 58%, 63%
HSV	309°, 51%, 84%
XYZ	43.3847, 28.6737, 57.2808
YIQ	148.6060, 35.3860, 52.5540

# Conversions

## Conversions Part 2

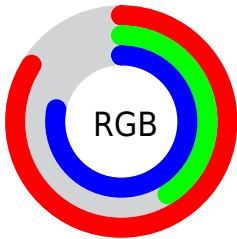
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 105, 199</a>
Decimal	<a href="#">14117319</a>
CIELab	<a href="#">60.49, 55.27, -29.57</a>
CIELCh	<a href="#">60, 62.681, 331.853</a>
Yxy	<a href="#">28.6737, 0.3354, 0.2217</a>
Android (android.graphics.Color)	<a href="#">4292307399 (0xFFD769C7)</a>
YUV	<a href="#">148.6060, 24.8442, 58.2275</a>
Hunter-Lab	<a href="#">53.5479, 50.9127, -25.9397</a>

# Details

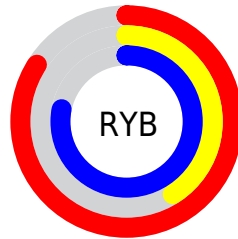
The YUV color **148.6060, 24.8442, 58.2275** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **171.3940, -24.8442, -58.2275**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2350, 27.4921, 48.9059**, and **93.1220, 25.5759, 56.8980** is the 20% darker color. If you saturate the color by 10%, you get **135.3500, 29.9005, 69.8531**, and if you desaturate by 10%, it is **161.2750, 20.0774, 47.1168**.

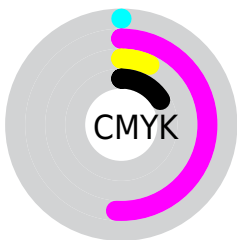
# Distribution



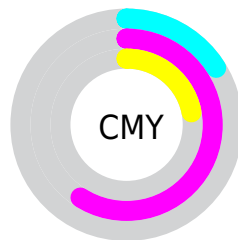
- Red (84%)
- Green (41%)
- Blue (78%)



- Red (84%)
- Yellow (41%)
- Blue (78%)



- Cyan (0%)
- Magenta (51%)
- Yellow (7%)
- Black (16%)




- Cyan (16%)
- Magenta (59%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.6060, 24.8442, 58.2275 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 148.6060, 24.8442, 58.2275 by changing the saturation by 10% instead.





 148.6060, 24.8442,  
58.2275


 148.6060, 24.8442,  
58.2275


255.0000, 0.0000,  
0.0000


 121.0080, 25.1391,  
56.9980


 199.2350, 27.4921,  
48.9059


 93.1220, 25.5759,  
56.8980


 215.6710, 19.3892,  
34.4915


 61.8280, 28.1858,  
59.7868

 232.6940, 10.9969,  
19.5624

 41.5130, 25.8761,  
53.9241

 249.7170, 2.6045,  
4.6332

 30.7040, 19.3729,  
39.7246

 21.2050, 12.7169,  
27.8842

 8.5310, 8.1192,

9.1813

■ 0.0000, 0.0000,  
0.0000

■ 148.6060, 24.8442,  
58.2275

■ 148.6060, 24.8442,  
58.2275

■ 135.3500, 29.9005,  
69.8531

■ 161.2750, 20.0774,  
47.1168

■ 122.6810, 34.6673,  
80.9638

■ 174.5310, 15.0212,  
35.4913

■ 109.4250, 39.7235,  
92.5893

■ 187.7870, 9.9650,  
23.8658

■ 96.6420, 44.0535,  
103.8000

■ 200.5700, 5.6350,  
12.6551

■ 85.2610, 48.6783,  
113.7811

■ 213.8260, 0.5788,  
1.0296

■ 226.4950, -4.1880,  
-10.0811

■ 239.1640, -8.9549,  
-21.1918

■ 239.5060, -7.6445,  
-21.4918

■ 239.8480, -6.3341,  
-21.7917

# Harmonies

## Analogous

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



148.5200, 45.0996, 1.2980



148.6060, 24.8442, 58.2275



142.6040, 1.1812, 88.0473

# Triad

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



148.6060, 24.8442, 58.2275



136.8400, -61.0531, 29.0813



123.5190, 39.1841, -108.3262

# Complementary

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



148.6060, 24.8442, 58.2275



171.3940, -24.8442, -58.2275

# 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.



117.8360, 14.8709, -103.3422



148.6060, 24.8442, 58.2275



132.0930, -44.9088, -15.8676

# Square

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



148.6060, 24.8442, 58.2275



141.3170, -47.4843, 63.7430



108.9900, -8.8691, -95.5842



124.5570, 58.3924, -109.2365



# Rectangle

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



148.6060, 24.8442, 58.2275



141.3320, -16.4327, 90.9168



108.9900, -8.8691, -95.5842



122.0540, 31.0324, -107.0414

# Sweetspot

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



148.6060, 24.8442, 58.2275



232.0100, 8.3761, 20.1622



122.0250, 45.8367, -1.7759



114.0430, 4.9088, 12.2403



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.



148.6060, 24.8442, 58.2275



160.8060, 35.0986, 82.6081



142.4500, 1.2572, 63.6264



100.4290, 2.7465, 5.7628



67.7730, 38.5659, 90.5301



17.0750, 9.8230, 22.7362



# Inverse Universe

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



148.6060, 24.8442, 58.2275



160.8060, 35.0986, 82.6081



177.5500, -1.2571, -63.6263



100.4290, 2.7465, 5.7628



67.7730, 38.5659, 90.5301



17.0750, 9.8230, 22.7362



# Previews

## White Background



This preview shows how the YUV color 148.6060, 24.8442, 58.2275 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

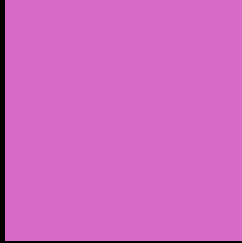
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 148.6060, 24.8442, 58.2275 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

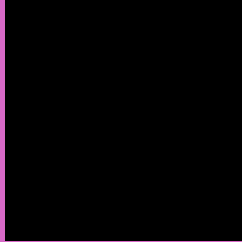
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 148.6060, 24.8442, 58.2275

## Background



This preview shows how black text looks on a background with the YUV color 148.6060, 24.8442, 58.2275.



This preview shows how white text looks on a background with the YUV color 148.6060, 24.8442, 58.2275.



# 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

148.6060, 24.8442, 58.2275

### Protanopia

144.8340, 41.9868, -27.0414

### Deuteranopia

146.7810, 22.2930, -10.3319



## Tritanopia

147.7400, -8.7458, 51.9710

# Trichromacy



## Original Color

148.6060, 24.8442, 58.2275



## Protanomaly

146.4250, 35.7795, 4.0123



## Deuteranomaly

147.5760, 23.3800, 14.4038



## Tritanomaly

147.9650, 3.4683, 54.4047

# Monochromacy



## Original Color

148.6060, 24.8442, 58.2275



## Achromatopsia

149.0000, 0.0000, 0.0000



## Achromatomaly

148.8360, 8.9549, 21.1918

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.6060, 24.8442, 58.2275 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(215, 105, 199)` looks like.

```
.text, #text, p{  
    color:rgb(215, 105, 199)  
}
```

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(215, 105, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 105, 199) }
```

## Border

The CSS property to change the border of an element to YUV 148.6060, 24.8442, 58.2275 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".

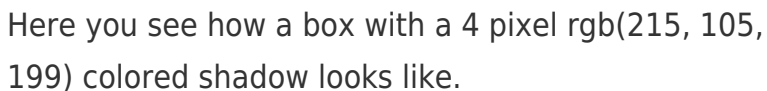
```
.border, #border, table{ border:4px solid rgb(215, 105, 199) }
```



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

```
.border{ border-color:rgb(215, 105, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 105, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 105, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 105, 199); box-shadow:4px 4px 4px 4px rgb(215, 105, 199) }
```

# Background

The CSS property to change the background color of an element to YUV 148.6060, 24.8442, 58.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 105, 199) }
```

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

```
.background{ background-color: rgb(215,  
105, 199) }
```

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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