

# Converting Colors

YUV(149.7230, 13.9406,  
55.4939)

Have a look what the booklet for  
YUV(149.7230, 13.9406, 55.4939)  
contains.

<b>YUV(149.7230, 13.9406, 55.4939)</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(149.7230, 13.9406,  
55.4939)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D570B2
RGB	213, 112, 178
RGB Percent	84%, 44%, 70%
CMY	0.1647, 0.5608, 0.3020
CMYK	0.00, 0.47, 0.16, 0.16
HSL	321°, 55%, 64%
HSV	321°, 47%, 84%
XYZ	41.2706, 28.9488, 45.5320
YIQ	149.7230, 39.0100, 41.9380

# Conversions

## Conversions Part 2

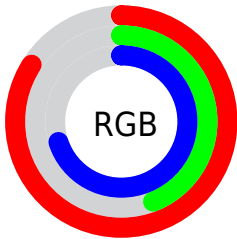
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 112, 178
Decimal	13988018
CIE Lab	60.74, 47.86, -17.26
CIE LCh	61, 50.876, 340.173
Yxy	28.9488, 0.3565, 0.2501
Android (android.graphics.Color)	4292178098 (0xFFD570B2)
YUV	149.7230, 13.9406, 55.4939
Hunter-Lab	53.8041, 42.7618, -12.5115

# Details

The YUV color **149.7230, 13.9406, 55.4939** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **175.2770, -13.9406, -55.4939**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.3630, 16.5830, 47.9166**, and **95.5270, 14.5302, 53.0348** is the 20% darker color. If you saturate the color by 10%, you get **136.5980, 16.9602, 67.0046**, and if you desaturate by 10%, it is **162.8480, 10.9209, 43.9833**.

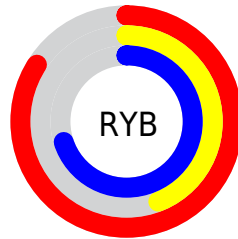
# Distribution



Red (84%)

Green (44%)

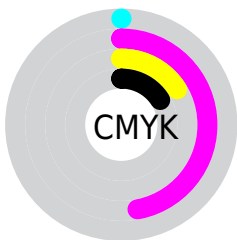
Blue (70%)



Red (84%)

Yellow (44%)

Blue (70%)

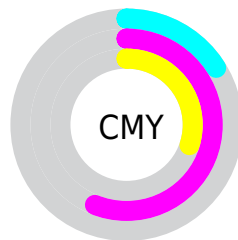


Cyan (0%)

Magenta (47%)

Yellow (16%)

Black (16%)



Cyan (16%)

Magenta (56%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.7230, 13.9406, 55.4939 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 149.7230, 13.9406, 55.4939 by changing the saturation by 10% instead.





 149.7230, 13.9406,  
55.4939


 149.7230, 13.9406,  
55.4939


255.0000, 0.0000,  
0.0000

 122.7120, 13.9460,  
53.7496


 200.3630, 16.5830,  
47.9166

 95.5270, 14.5302,  
53.0348


 219.1930, 17.6529,  
31.4027


 68.1680, 15.6932,  
53.3497

 236.2160, 9.2605,  
16.4736

 39.1620, 18.1611,  
55.1089

 253.2390, 0.8682,  
1.5444

 28.4670, 12.0948,  
40.8094

 19.1960, 6.3124,  
28.7691

 5.7240, -1.3429,

10.7661

■ 0.0000, 0.0000,  
0.0000

■ 149.7230, 13.9406,  
55.4939

■ 149.7230, 13.9406,  
55.4939

■ 136.5980, 16.9602,  
67.0046

■ 162.8480, 10.9209,  
43.9833

■ 122.7720, 19.8324,  
79.1300

■ 176.6740, 8.0487,  
31.8579

■ 109.6470, 22.8520,  
90.6406

■ 189.7990, 5.0291,  
20.3473

■ 96.4080, 25.4349,  
102.2512

■ 203.0380, 2.4463,  
8.7367

■ 83.2830, 28.4545,  
113.7618

■ 216.7500, -0.8628,  
-3.2887

■ 79.5330, 29.3172,  
117.0506

■ 229.8750, -3.8824,  
-14.7994

■ 239.5920, -4.7289,  
-23.3212

■ 240.3900, -1.6713,  
-24.0210

■ 241.1880, 1.3863,  
-24.7209

# Harmonies

## Analogous

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



150.1770, 31.9577, 16.5078



149.7230, 13.9406, 55.4939



146.7410, -6.7743, 73.0181

# Triad

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



149.7230, 13.9406, 55.4939



140.4480, -43.1119, 14.5161



121.1710, 40.3417, -106.2670

# Complementary

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



149.7230, 13.9406, 55.4939



175.2770, -13.9406, -55.4939

# 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.



117.5570, 21.4174, -103.0975



149.7230, 13.9406, 55.4939



134.7620, -29.4627, -23.4703

# Square

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



149.7230, 13.9406, 55.4939



143.5150, -41.1729, 46.0293



118.5000, -2.2185, -81.9995



119.6670, 54.8872, -104.9480



# Rectangle

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



149.7230, 13.9406, 55.4939



145.4730, -20.4462, 71.4992



118.5000, -2.2185, -81.9995



120.2760, 34.3739, -105.4821

# Sweetspot

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



149.7230, 13.9406, 55.4939



232.5000, 5.1765, 19.7325



133.6800, 39.1048, 10.8046



114.1740, 2.8722, 12.1254



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.



149.7230, 13.9406, 55.4939



164.1850, 20.1218, 79.6448



144.1370, -7.4625, 60.3929



100.0870, 1.4361, 6.0627



63.8970, 23.7148, 93.9293



16.0490, 5.8918, 23.6360



# Inverse Universe

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



149.7230, 13.9406, 55.4939



164.1850, 20.1218, 79.6448



180.8630, 7.4625, -60.3929



100.0870, 1.4361, 6.0627



63.8970, 23.7148, 93.9293



16.0490, 5.8918, 23.6360



# Previews

## White Background



This preview shows how the YUV color 149.7230, 13.9406, 55.4939 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

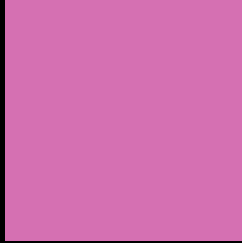
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 149.7230, 13.9406, 55.4939 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

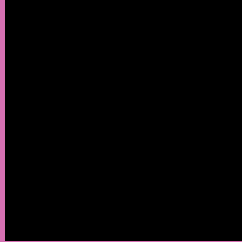
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 149.7230, 13.9406, 55.4939

## Background



This preview shows how black text looks on a background with the YUV color 149.7230, 13.9406, 55.4939.



This preview shows how white text looks on a background with the YUV color 149.7230, 13.9406,



# 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

149.7230, 13.9406, 55.4939

### Protanopia

147.0130, 27.1086, -14.9204

### Deuteranopia

148.2140, 12.2195, 0.6893



## Tritanopia

148.7400, -8.7458, 51.9710

# Trichromacy



## Original Color

149.7230, 13.9406, 55.4939



## Protanomaly

147.9130, 22.2279, 10.6003



## Deuteranomaly

148.8620, 12.8860, 20.2920



## Tritanomaly

148.9280, -0.4575, 53.5601

# Monochromacy



## Original Color

149.7230, 13.9406, 55.4939



## Achromatopsia

150.0000, 0.0000, 0.0000



## Achromatomaly

149.7990, 5.0291, 20.3473

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.7230, 13.9406, 55.4939 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(213, 112, 178)` looks like.

```
.text, #text, p{  
    color:rgb(213, 112, 178)  
}
```

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(213, 112, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 112, 178) }
```

## Border

The CSS property to change the border of an element to YUV 149.7230, 13.9406, 55.4939 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(213, 112, 178) }
```



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

```
.border{ border-color:rgb(213, 112, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 112, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 112, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 112, 178);  
box-shadow:4px 4px 4px 4px rgb(213, 112,  
178) }
```

# Background

The CSS property to change the background color of an element to YUV 149.7230, 13.9406, 55.4939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 112, 178) }
```

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

```
.background{ background-color: rgb(213,  
112, 178) }
```

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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