

Converting Colors

YUV(149.0210, 1.9616, 71.0186)

Have a look what the booklet for
YUV(149.0210, 1.9616, 71.0186)
contains.

YUV(149.0210, 1.9616, 71.0186)	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(149.0210, 1.9616,
71.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	E66B99
RGB	230, 107, 153
RGB Percent	90%, 42%, 60%
CMY	0.0980, 0.5804, 0.4000
CMYK	0.00, 0.53, 0.33, 0.10
HSL	338°, 71%, 66%
HSV	338°, 53%, 90%
XYZ	43.6406, 29.6383, 33.5576
YIQ	149.0210, 58.5420, 40.3820

Conversions

Conversions Part 2

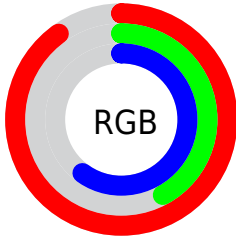
Format	Color
R _Y B	230, 107, 153
Decimal	15100825
CIE Lab	61.34, 52.37, -1.75
CIE LCh	61, 52.397, 358.087
Yxy	29.6383, 0.4085, 0.2774
Android (android.graphics.Color)	4293290905 (0xFFE66B99)
YUV	149.0210, 1.9616, 71.0186
Hunter-Lab	54.4411, 47.8158, 1.5622

Details

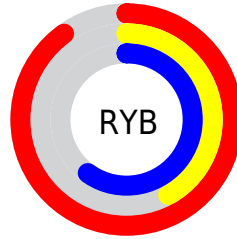
The YUV color **149.0210, 1.9616, 71.0186** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **187.9790, -1.9616, -71.0186**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.9370, 5.9471, 52.6753**, and **93.2810, 4.2985, 68.1596** is the 20% darker color. If you saturate the color by 10%, you get **133.9240, 2.5025, 84.2587**, and if you desaturate by 10%, it is **164.1180, 1.4208, 57.7785**.

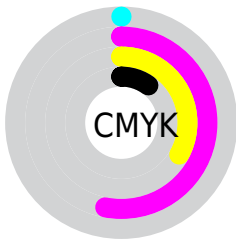
Distribution



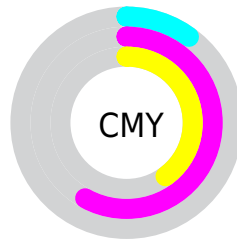
- Red (90%)
- Green (42%)
- Blue (60%)



- Red (90%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (53%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0210, 1.9616, 71.0186 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 149.0210, 1.9616, 71.0186 by changing the saturation by 10% instead.

 149.0210, 1.9616,
71.0186


 149.0210, 1.9616,
71.0186


255.0000, 0.0000,
0.0000


 121.2380, 2.8407,
69.0743

 194.9370, 5.9471,
52.6753


 93.2810, 4.2985,
68.1596

 214.5650, 10.0745,
35.4615


 62.5030, 7.6400,
69.7189

 233.8680, 10.4181,
18.5328

 40.4700, 7.6563,
64.4858

 250.8910, 2.0257,
3.6036

 29.5900, 2.1741,
49.4716

 19.6070, -3.7503,
36.3017

 8.4860, -3.6906,

17.1138

■ 0.0000, 0.0000,
0.0000

■ 149.0210, 1.9616,
71.0186

■ 149.0210, 1.9616,
71.0186

■ 133.9240, 2.5025,
84.2587

■ 164.1180, 1.4208,
57.7785

■ 118.7130, 2.6065,
97.5987

■ 179.3290, 1.3168,
44.4385

■ 103.6160, 3.1473,
110.8388

■ 194.4260, 0.7760,
31.1984

■ 88.4050, 3.2513,
124.1788

■ 209.6370, 0.6720,
17.8584

■ 78.5740, 3.6610,
132.8006

■ 224.7340, 0.1311,
4.6183

■ 239.8310, -0.4097,
-8.6218

■ 247.4110, 3.2484,
-15.2694

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



152.2360, 22.5617, 43.6430



149.0210, 1.9616, 71.0186



146.7230, -19.5834, 74.7879

Triad

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



149.0210, 1.9616, 71.0186



138.5700, -38.2420, -7.5159



122.6190, 50.9668, -107.5369

Complementary

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



149.0210, 1.9616, 71.0186



187.9790, -1.9616, -71.0186

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.



121.4500, 33.7952, -106.5116



149.0210, 1.9616, 71.0186



129.4190, -15.9826, -53.8645

Square

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



149.0210, 1.9616, 71.0186



143.4390, -46.0654, 28.5560



116.7930, 13.4131, -102.4275



124.7490, 57.3117, -89.2339

Rectangle

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



149.0210, 1.9616, 71.0186



146.0410, -32.0652, 64.8620



116.7930, 13.4131, -102.4275



123.2400, 45.7307, -108.0815

Sweetspot

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



149.0210, 1.9616, 71.0186



227.9690, 0.5083, 23.7062



143.7460, 42.5232, 34.4258



111.5010, 0.2460, 14.4696



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.



149.0210, 1.9616, 71.0186



147.6910, 2.6173, 94.1100



151.9950, -22.1825, 68.4104



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Inverse Universe

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



149.0210, 1.9616, 71.0186



147.6910, 2.6173, 94.1100



185.0050, 22.1825, -68.4104



107.1580, 0.4151, 6.8774



61.1590, 2.8796, 103.3466



17.4150, 0.7814, 29.4540

Previews

White Background



This preview shows how the YUV color 149.0210, 1.9616, 71.0186 looks on a white background.

Color Contrast Check

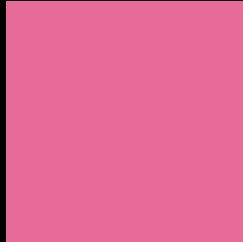
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0210, 1.9616, 71.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

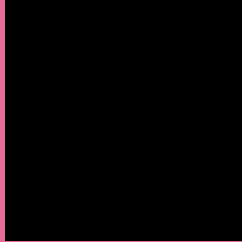
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.0210, 1.9616, 71.0186

Background



This preview shows how black text looks on a background with the YUV color 149.0210, 1.9616, 71.0186.



This preview shows how white text looks on a background with the YUV color 149.0210, 1.9616,

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

149.0210, 1.9616, 71.0186

Protanopia

149.0390, 14.2778, -6.1732

Deuteranopia

150.0230, -1.4903, 11.3808



Tritanopia

147.9980, -13.3100, 69.2848

Trichromacy



Original Color

149.0210, 1.9616, 71.0186



Protanomaly

148.7760, 9.9704, 22.1214



Deuteranomaly

149.7960, -0.3924, 32.6279



Tritanomaly

148.4910, -7.6371, 69.7294

Monochromacy



Original Color

149.0210, 1.9616, 71.0186



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

148.9800, 0.5029, 25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0210, 1.9616, 71.0186 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(230, 107, 153)` looks like.

```
.text, #text, p{  
    color:rgb(230, 107, 153)  
}
```

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(230, 107, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 107, 153) }
```

Border

The CSS property to change the border of an element to YUV 149.0210, 1.9616, 71.0186 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(230, 107, 153) }
```


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

```
.border{ border-color:rgb(230, 107, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 107, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 107, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 107, 153); box-shadow:4px 4px 4px 4px rgb(230, 107, 153) }
```

Background

The CSS property to change the background color of an element to YUV 149.0210, 1.9616, 71.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 107, 153) }
```

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

```
.background{ background-color: rgb(230,  
107, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor