

Converting Colors

YUV(149.7430, 16.8887,
43.1984)

Have a look what the booklet for
YUV(149.7430, 16.8887, 43.1984)
contains.

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Color

**YUV(149.7430, 16.8887,
43.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	C776B8
RGB	199, 118, 184
RGB Percent	78%, 46%, 72%
CMY	0.2196, 0.5373, 0.2784
CMYK	0.00, 0.41, 0.08, 0.22
HSL	311°, 42%, 62%
HSV	311°, 41%, 78%
XYZ	38.6834, 28.5597, 48.8211
YIQ	149.7430, 27.0900, 37.6980

Conversions

Conversions Part 2

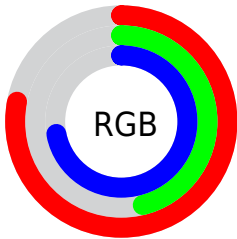
Format	Color
R _Y B	199, 118, 184
Decimal	13072056
CIE Lab	60.39, 41.27, -21.37
CIE LCh	60, 46.470, 332.623
Yxy	28.5597, 0.3333, 0.2461
Android (android.graphics.Color)	4291262136 (0xFFC776B8)
YUV	149.7430, 16.8887, 43.1984
Hunter-Lab	53.4413, 35.6847, -16.7554

Details

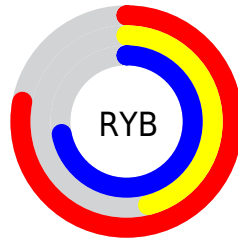
The YUV color **149.7430, 16.8887, 43.1984** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **167.2570, -16.8887, -43.1984**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5690, 17.4675, 44.2280**, and **97.0200, 16.7521, 40.3245** is the 20% darker color. If you saturate the color by 10%, you get **137.5470, 20.9293, 53.8943**, and if you desaturate by 10%, it is **161.9390, 12.8481, 32.5025**.

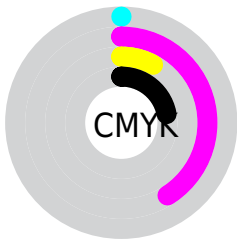
Distribution



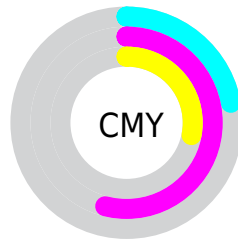
- Red (78%)
- Green (46%)
- Blue (72%)



- Red (78%)
- Yellow (46%)
- Blue (72%)



- Cyan (0%)
- Magenta (41%)
- Yellow (8%)
- Black (22%)




- Cyan (22%)
- Magenta (54%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.7430, 16.8887, 43.1984 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 149.7430, 16.8887, 43.1984 by changing the saturation by 10% instead.


 149.7430, 16.8887,
43.1984


 149.7430, 16.8887,
43.1984


255.0000, 0.0000,
0.0000


 123.0310, 16.7467,
42.0688


 204.5690, 17.4675,
44.2280


 97.0200, 16.7521,
40.3245

 222.7150, 15.9165,
28.3139

 71.0200, 16.7521,
40.3245

 239.1510, 7.8136,
13.8996

 44.0740, 18.2045,
41.1541

 26.0470, 15.7528,
34.1618

 17.3740, 9.6756,
23.3510

 1.3680, 5.2416,

-1.1997

0.0000, 0.0000,
0.0000

149.7430, 16.8887,
43.1984

149.7430, 16.8887,
43.1984

137.5470, 20.9293,
53.8943

161.9390, 12.8481,
32.5025

125.4650, 25.4068,
64.4902

174.0210, 8.3706,
21.9066

113.2690, 29.4474,
75.1861

186.2170, 4.3300,
11.2107

101.0730, 33.4880,
85.8820

198.4130, 0.2894,
0.5148

89.5780, 37.6760,
95.9631

210.4950, -4.1880,
-10.0811

■ 77.9690, 41.4273,
106.1442

■ 222.1040, -7.9393,
-20.2622

■ 233.1260,
-11.4011, -29.9285

■ 233.4680,
-10.0907, -30.2284

■ 233.9240, -8.3435,
-30.6283

Harmonies

Analogous

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



148.3280, 32.8693, 4.0973



149.7430, 16.8887, 43.1984



147.0650, -1.5110, 64.8410

Triad

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



149.7430, 16.8887, 43.1984



141.5890, -40.2234, 21.4084



118.4010, 34.8053, -103.8377

Complementary

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



149.7430, 16.8887, 43.1984



167.2570, -16.8887, -43.1984

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.



114.3140, 16.6072, -100.2534



149.7430, 16.8887, 43.1984



137.0840, -31.1004, -11.4747

Square

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



149.7430, 16.8887, 43.1984



144.1330, -35.0686, 48.1184



128.0970, -10.8938, -52.7051



118.7720, 48.9194, -104.1630

Rectangle

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



149.7430, 16.8887, 43.1984



145.9330, -14.7570, 66.7108



128.0970, -10.8938, -52.7051



117.5060, 28.8375, -103.0528

Sweetspot

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



149.7430, 16.8887, 43.1984



236.1190, 6.3503, 16.5586



131.7190, 33.1695, 1.1234



116.9780, 3.4618, 9.6663



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.



149.7430, 16.8887, 43.1984



179.0030, 26.1275, 66.6494



145.1830, -0.5832, 47.1975



93.6030, 2.1677, 4.7332



63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Inverse Universe

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



149.7430, 16.8887, 43.1984



179.0030, 26.1275, 66.6494



171.8170, 0.5832, -47.1975



93.6030, 2.1677, 4.7332



63.8990, 34.0668, 86.9116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 149.7430, 16.8887, 43.1984 looks on a white background.

Color Contrast Check

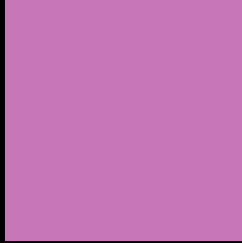
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.7430, 16.8887, 43.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

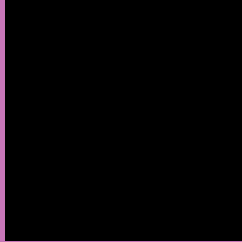
Any Text WCAG AA ✓ Pass

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 149.7430, 16.8887, 43.1984 Background



This preview shows how black text looks on a background with the YUV color 149.7430, 16.8887, 43.1984.



This preview shows how white text looks on a background with the YUV color 149.7430, 16.8887,

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

149.7430, 16.8887, 43.1984

Protanopia

145.9420, 28.1296, -15.7351

Deuteranopia

147.2180, 16.1615, -3.6992



Tritanopia

148.4610, -5.6503, 39.0607

Trichromacy



Original Color

149.7430, 16.8887, 43.1984

Protanomaly

147.6350, 23.8439, 5.5821

Deuteranomaly

148.0290, 16.2547, 13.1296

Tritanomaly

148.6490, 2.6380, 40.6498

Monochromacy



Original Color

149.7430, 16.8887, 43.1984

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7060, 6.0609, 16.0438

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7430, 16.8887, 43.1984 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(199, 118, 184)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 184)  
}
```

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(199, 118, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 184) }
```

Border

The CSS property to change the border of an element to YUV 149.7430, 16.8887, 43.1984 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(199, 118, 184) }
```


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

```
.border{ border-color:rgb(199, 118, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 118, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 184);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 149.7430, 16.8887, 43.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 184) }
```

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

```
.background{ background-color: rgb(199,  
118, 184) }
```

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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