

Converting Colors

YUV(148.7970, 18.3411,
44.0280)

Have a look what the booklet for
YUV(148.7970, 18.3411, 44.0280)
contains.

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Color

**YUV(148.7970, 18.3411,
44.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	C774BA
RGB	199, 116, 186
RGB Percent	78%, 45%, 73%
CMY	0.2196, 0.5451, 0.2706
CMYK	0.00, 0.42, 0.07, 0.22
HSL	309°, 43%, 62%
HSV	309°, 42%, 78%
XYZ	38.6615, 28.1781, 49.8556
YIQ	148.7970, 26.9980, 39.3660

Conversions

Conversions Part 2

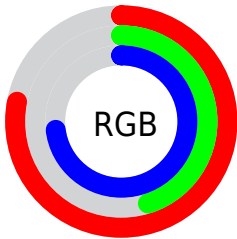
Format	Color
RYB	199, 116, 186
Decimal	13071546
CIELab	60.05, 42.67, -23.03
CIElCh	60, 48.488, 331.640
Yxy	28.1781, 0.3313, 0.2415
Android (android.graphics.Color)	4291261626 (0xFFC774BA)
YUV	148.7970, 18.3411, 44.0280
Hunter-Lab	53.0830, 37.1101, -18.5271

Details

The YUV color **148.7970, 18.3411, 44.0280** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **166.2030, -18.3411, -44.0280**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6230, 18.9199, 45.0576**, and **95.4870, 18.4939, 41.6689** is the 20% darker color. If you saturate the color by 10%, you get **136.7150, 22.8185, 54.6239**, and if you desaturate by 10%, it is **160.8790, 13.8637, 33.4321**.

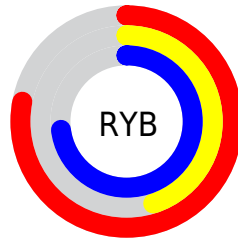
Distribution



Red (78%)

Green (45%)

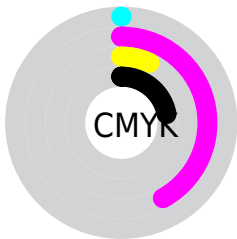
Blue (73%)



Red (78%)

Yellow (45%)

Blue (73%)

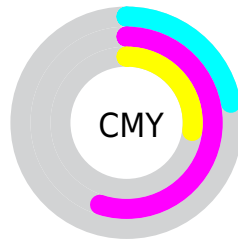


Cyan (0%)

Magenta (42%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.7970, 18.3411, 44.0280 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 148.7970, 18.3411, 44.0280 by changing the saturation by 10% instead.


 148.7970, 18.3411,
44.0280


 148.7970, 18.3411,
44.0280


255.0000, 0.0000,
0.0000

 122.0850, 18.1991,
42.8985


 203.6230, 18.9199,
45.0576


 95.4870, 18.4939,
41.6689


 221.5410, 16.4953,
29.3435

 70.0740, 18.2045,
41.1541

 237.9770, 8.3923,
14.9292

 41.0680, 20.6725,
42.9134

 26.1610, 16.1896,
34.0618

 17.4880, 10.1124,
23.2510

 2.1830, 5.8258,

-1.9145

0.0000, 0.0000,
0.0000

148.7970, 18.3411,
44.0280

148.7970, 18.3411,
44.0280

136.7150, 22.8185,
54.6239

160.8790, 13.8637,
33.4321

124.6330, 27.2959,
65.2199

172.9610, 9.3862,
22.8362

112.5510, 31.7734,
75.8158

185.0430, 4.9088,
12.2403

100.4690, 36.2508,
86.4117

197.1250, 0.4314,
1.6444

88.2730, 40.2914,
97.1076

209.3210, -3.6093,
-9.0515

■ 78.6530, 44.0481,
105.5443

■ 220.8160, -7.7973,
-19.1326

■ 232.8980,
-12.2747, -29.7285

■ 233.2400,
-10.9643, -30.0285

■ 233.5820, -9.6539,
-30.3284

Harmonies

Analogous

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



147.7730, 34.6219, 1.9531



148.7970, 18.3411, 44.0280



145.6030, -0.7903, 67.0002

Triad

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



148.7970, 18.3411, 44.0280



140.1440, -41.9760, 23.5527



118.2870, 34.3685, -103.7377

Complementary

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



148.7970, 18.3411, 44.0280



166.2030, -18.3411, -44.0280

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.



114.0860, 15.7336, -100.0534



148.7970, 18.3411, 44.0280



135.5140, -33.2844, -10.9748

Square

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



148.7970, 18.3411, 44.0280



143.1010, -36.5318, 50.7774



126.7440, -12.1988, -54.1495



118.8860, 49.3562, -104.2630

Rectangle

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



148.7970, 18.3411, 44.0280



144.7700, -14.1836, 69.4847



126.7440, -12.1988, -54.1495



117.3920, 28.4007, -102.9528

Sweetspot

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



148.7970, 18.3411, 44.0280



235.0590, 7.3659, 17.4883



129.0500, 34.4853, -0.9209



115.2170, 4.3300, 11.2107



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.



148.7970, 18.3411, 44.0280



178.1710, 28.0167, 67.3790



144.1230, 0.4324, 48.1271



93.6030, 2.1677, 4.7332



64.4690, 36.2508, 86.4117



14.1840, 7.7973, 19.1326

Inverse Universe

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



148.7970, 18.3411, 44.0280



178.1710, 28.0167, 67.3790



170.8770, -0.4324, -48.1271



93.6030, 2.1677, 4.7332



64.4690, 36.2508, 86.4117



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 148.7970, 18.3411, 44.0280 looks on a white background.

Color Contrast Check

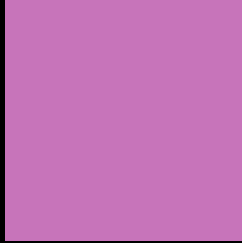
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.7970, 18.3411, 44.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

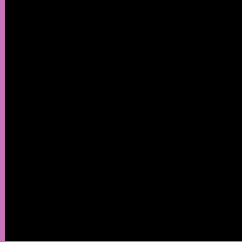
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.7970, 18.3411, 44.0280

Background



This preview shows how black text looks on a background with the YUV color 148.7970, 18.3411, 44.0280.



This preview shows how white text looks on a background with the YUV color 148.7970, 18.3411,

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

148.7970, 18.3411, 44.0280

Protanopia

144.8000, 30.1716, -17.3646

Deuteranopia

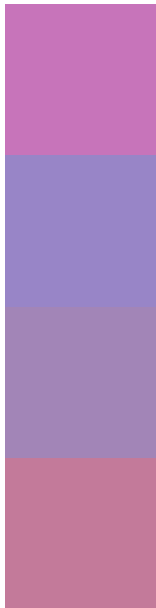
146.1470, 17.1825, -4.5139



Tritanopia

147.1730, -5.5083, 40.1903

Trichromacy



Original Color

148.7970, 18.3411, 44.0280

Protanomaly

146.2050, 26.0279, 5.0822

Deuteranomaly

147.3710, 17.5651, 12.8296

Tritanomaly

147.4750, 3.2168, 41.6794

Monochromacy



Original Color

148.7970, 18.3411, 44.0280

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8200, 6.4977, 15.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7970, 18.3411, 44.0280 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, 116, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 116, 186)  
}
```

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, 116, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 116, 186) }
```

Border

The CSS property to change the border of an element to YUV 148.7970, 18.3411, 44.0280 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, 116, 186) }
```


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

```
.border{ border-color:rgb(199, 116, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 116, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 116, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 116, 186);  
box-shadow:4px 4px 4px 4px rgb(199, 116,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 148.7970, 18.3411, 44.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 116, 186) }
```

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

```
.background{ background-color: rgb(199,  
116, 186) }
```

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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