

Converting Colors

YUV(144.5740, 19.9300,
47.7316)

Have a look what the booklet for
YUV(144.5740, 19.9300, 47.7316)
contains.

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Color

**YUV(144.5740, 19.9300,
47.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	C76DB9
RGB	199, 109, 185
RGB Percent	78%, 43%, 73%
CMY	0.2196, 0.5725, 0.2745
CMYK	0.00, 0.45, 0.07, 0.22
HSL	309°, 45%, 60%
HSV	309°, 45%, 78%
XYZ	37.7788, 26.5822, 49.0387
YIQ	144.5740, 29.2440, 42.7160

Conversions

Conversions Part 2

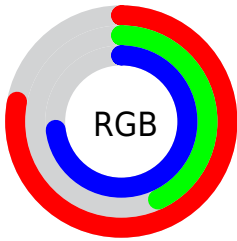
Format	Color
R_{YB}	199, 109, 185
Decimal	13069753
CIE _{Lab}	58.59, 46.14, -24.71
CIE _{LCh}	59, 52.337, 331.828
Yxy	26.5822, 0.3331, 0.2344
Android (android.graphics.Color)	4291259833 (0xFFC76DB9)
YUV	144.5740, 19.9300, 47.7316
Hunter-Lab	51.5579, 40.5686, -20.3024

Details

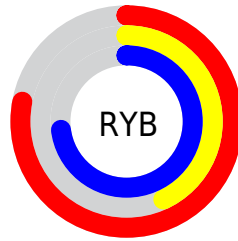
The YUV color **144.5740, 19.9300, 47.7316** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.4260, -19.9300, -47.7316**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4000, 20.5088, 48.7612**, and **91.2640, 20.0828, 45.3725** is the 20% darker color. If you saturate the color by 10%, you get **132.4920, 24.4074, 58.3275**, and if you desaturate by 10%, it is **156.6560, 15.4526, 37.1357**.

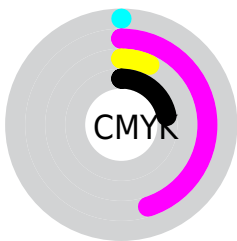
Distribution



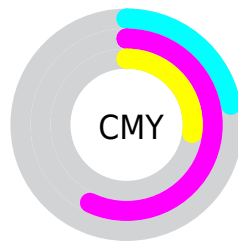
- Red (78%)
- Green (43%)
- Blue (73%)



- Red (78%)
- Yellow (43%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.5740, 19.9300, 47.7316 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 144.5740, 19.9300, 47.7316 by changing the saturation by 10% instead.

144.5740, 19.9300,
47.7316

144.5740, 19.9300,
47.7316

255.0000, 0.0000,
0.0000

117.8620, 19.7880,
46.6020

199.4000, 20.5088,
48.7612

91.2640, 20.0828,
45.3725

217.4320, 18.5210,
32.9471

64.3780, 20.5196,
45.2725

233.8680, 10.4181,
18.5328

36.2580, 22.5508,
47.1317

250.8910, 2.0257,
3.6036

25.7480, 15.9002,
33.5470

16.7760, 9.9704,
22.1214

1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 144.5740, 19.9300,
47.7316

■ 144.5740, 19.9300,
47.7316

■ 132.4920, 24.4074,
58.3275

■ 156.6560, 15.4526,
37.1357

■ 120.4100, 28.8849,
68.9234

■ 168.7380, 10.9752,
26.5398

■ 108.3280, 33.3623,
79.5193

■ 180.8200, 6.4977,
15.9439

■ 96.2460, 37.8397,
90.1153

■ 192.9020, 2.0203,
5.3479

■ 84.7510, 42.0278,
100.1964

■ 204.9840, -2.4571,
-5.2480

■ 78.6530, 44.0481,
105.5443

■ 216.5930, -6.2083,
-15.4291

■ 228.6750,
-10.6858, -26.0250

■ 233.1260,
-11.4011, -29.9285

■ 233.4680,
-10.0907, -30.2284

Harmonies

Analogous

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



143.7560, 37.0953, 1.9680



144.5740, 19.9300, 47.7316



140.7500, -0.3698, 72.1333

Triad

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



144.5740, 19.9300, 47.7316



135.1180, -45.9072, 24.4525



116.5260, 35.2367, -102.1933

Complementary

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



144.5740, 19.9300, 47.7316



163.4260, -19.9300, -47.7316

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.



111.8690, 14.8546, -98.1091



144.5740, 19.9300, 47.7316



130.8190, -35.8998, -12.1193

Square

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



144.5740, 19.9300, 47.7316



138.1400, -39.0160, 54.2512



119.2160, -11.4455, -62.4564



117.3530, 51.0980, -102.9186

Rectangle

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



144.5740, 19.9300, 47.7316



139.5750, -15.0735, 74.9177



119.2160, -11.4455, -62.4564



115.5170, 28.8321, -101.3084

Sweetspot

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



144.5740, 19.9300, 47.7316



233.1840, 7.7973, 19.1326



123.4460, 37.2481, -0.3911



114.6300, 4.6194, 11.7255



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.



144.5740, 19.9300, 47.7316



171.6000, 30.7632, 73.1418



139.5580, 0.7109, 52.1306



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.



144.5740, 19.9300, 47.7316



171.6000, 30.7632, 73.1418



168.5560, -0.2741, -52.2306



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 144.5740, 19.9300, 47.7316 looks on a white background.

Color Contrast Check

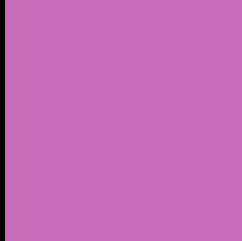
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.5740, 19.9300, 47.7316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

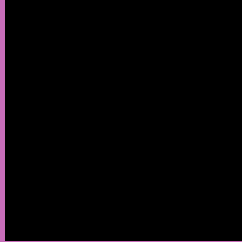
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.5740, 19.9300, 47.7316

Background



This preview shows how black text looks on a background with the YUV color 144.5740, 19.9300, 47.7316.



This preview shows how white text looks on a background with the YUV color 144.5740, 19.9300,

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

144.5740, 19.9300, 47.7316

Protanopia

140.5870, 33.2346, -19.8088

Deuteranopia

142.4780, 18.4983, -6.5582



Tritanopia

143.5540, -6.6821, 43.3641

Trichromacy



Original Color

144.5740, 19.9300, 47.7316



Protanomaly

141.8890, 28.6487, 4.4823



Deuteranomaly

143.1260, 19.1649, 13.0445



Tritanomaly

144.0840, 2.9166, 44.6533

Monochromacy



Original Color

144.5740, 19.9300, 47.7316



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.0590, 7.3659, 17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.5740, 19.9300, 47.7316 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, 109, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 109, 185)  
}
```

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, 109, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 109, 185) }
```

Border

The CSS property to change the border of an element to YUV 144.5740, 19.9300, 47.7316 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, 109, 185) }
```


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

```
.border{ border-color:rgb(199, 109, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 109, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 109, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 109, 185); box-shadow:4px 4px 4px 4px rgb(199, 109, 185) }
```

Background

The CSS property to change the background color of an element to YUV 144.5740, 19.9300, 47.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 109, 185) }
```

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

```
.background{ background-color: rgb(199,  
109, 185) }
```

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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