

Converting Colors

YUV(144.8790, 17.3147,
46.5871)

Have a look what the booklet for
YUV(144.8790, 17.3147, 46.5871)
contains.

YUV(144.8790, 17.3147, 46.5871)	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(144.8790, 17.3147,
46.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	C66FB4
RGB	198, 111, 180
RGB Percent	78%, 44%, 71%
CMY	0.2235, 0.5647, 0.2941
CMYK	0.00, 0.44, 0.09, 0.22
HSL	312°, 43%, 61%
HSV	312°, 44%, 78%
XYZ	37.2114, 26.6699, 46.3666
YIQ	144.8790, 29.7030, 39.9030

Conversions

Conversions Part 2

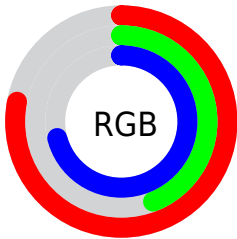
Format	Color
R_{YB}	198, 111, 180
Decimal	13004724
CIE _{Lab}	58.67, 43.93, -21.73
CIE _{LCh}	59, 49.014, 333.681
Yxy	26.6699, 0.3375, 0.2419
Android (android.graphics.Color)	4291194804 (0xFFC66FB4)
YUV	144.8790, 17.3147, 46.5871
Hunter-Lab	51.6429, 38.2432, -17.0823

Details

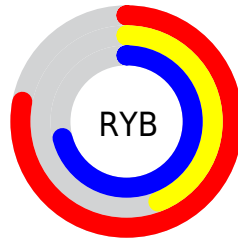
The YUV color **144.8790, 17.3147, 46.5871** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **164.1210, -17.3147, -46.5871**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0040, 17.7460, 48.2315**, and **91.5690, 17.4675, 44.2280** is the 20% darker color. If you saturate the color by 10%, you get **132.6830, 21.3553, 57.2830**, and if you desaturate by 10%, it is **157.0750, 13.2740, 35.8912**.

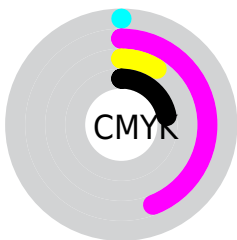
Distribution



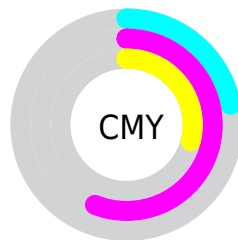
- Red (78%)
- Green (44%)
- Blue (71%)



- Red (78%)
- Yellow (44%)
- Blue (71%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (22%)




- Cyan (22%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.8790, 17.3147, 46.5871 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 144.8790, 17.3147, 46.5871 by changing the saturation by 10% instead.


 144.8790, 17.3147,
46.5871


 144.8790, 17.3147,
46.5871


255.0000, 0.0000,
0.0000

 118.1670, 17.1727,
45.4575


 200.0040, 17.7460,
48.2315


 91.5690, 17.4675,
44.2280


 218.6060, 17.9422,
31.9175

 65.3840, 18.0517,
43.5132

 235.0420, 9.8393,
17.5032

 35.5030, 20.9510,
46.9169

 252.0650, 1.4470,
2.5740

 25.4060, 14.5898,
33.8469

 16.3200, 8.2232,
22.5214

 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 144.8790, 17.3147,
46.5871

■ 144.8790, 17.3147,
46.5871

■ 132.6830, 21.3553,
57.2830

■ 157.0750, 13.2740,
35.8912

■ 120.4870, 25.3959,
67.9789

■ 169.2710, 9.2334,
25.1953

■ 108.8780, 29.1471,
78.1600

■ 180.8800, 5.4822,
15.0142

■ 96.6820, 33.1878,
88.8559

■ 193.0760, 1.4415,
4.3183

■ 84.4860, 37.2284,
99.5518

■ 205.2720, -2.5991,
-6.3775

■ 77.1000, 39.3907,
106.0293

■ 217.5820, -6.2029,
-17.1734

■ 229.7780,
-10.2436, -27.8693

■ 233.1690, -9.9433,
-30.8432

■ 233.6250, -8.1961,
-31.2431

Harmonies

Analogous

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



144.2680, 33.8849, 5.0270



144.8790, 17.3147, 46.5871



141.6740, -1.8113, 67.8149

Triad

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



144.8790, 17.3147, 46.5871



136.3070, -42.5494, 20.7788



115.9390, 35.5261, -101.6785

Complementary

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



144.8790, 17.3147, 46.5871



164.1210, -17.3147, -46.5871

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.



111.6240, 16.4544, -97.8942



144.8790, 17.3147, 46.5871



131.4320, -32.2580, -13.5339

Square

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



144.8790, 17.3147, 46.5871



138.9760, -36.9632, 49.1330



120.6940, -9.7091, -59.3676



116.4240, 50.0770, -102.1038

Rectangle

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



144.8790, 17.3147, 46.5871



140.4280, -15.4940, 69.7846



120.6940, -9.7091, -59.3676



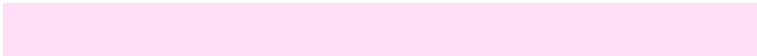
114.9300, 29.1215, -100.7936

Sweetspot

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



144.8790, 17.3147, 46.5871



234.8310, 6.4923, 17.6882



126.0010, 35.4955, 1.7531



115.1030, 3.8932, 11.3107



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.



144.8790, 17.3147, 46.5871



172.5630, 26.8374, 72.2972



139.9770, -1.4677, 50.8862



93.4890, 1.7309, 4.8331



63.4430, 32.3196, 87.3115



13.9560, 6.9237, 19.3326

Inverse Universe

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



144.8790, 17.3147, 46.5871



172.5630, 26.8374, 72.2972



169.0230, 1.4677, -50.8862



93.4890, 1.7309, 4.8331



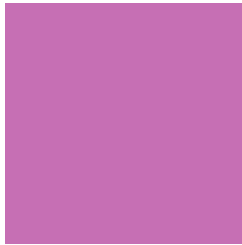
63.4430, 32.3196, 87.3115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 144.8790, 17.3147, 46.5871 looks on a white background.

Color Contrast Check

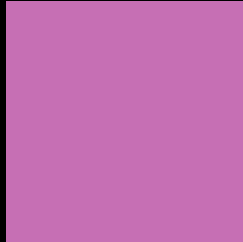
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.8790, 17.3147, 46.5871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

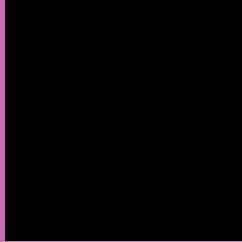
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.8790, 17.3147, 46.5871

Background



This preview shows how black text looks on a background with the YUV color 144.8790, 17.3147, 46.5871.



This preview shows how white text looks on a background with the YUV color 144.8790, 17.3147, 46.5871.

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

144.8790, 17.3147, 46.5871

Protanopia

140.9850, 29.5874, -16.6498

Deuteranopia

142.8050, 15.8721, -4.2140



Tritanopia

143.3690, -6.0979, 42.6494

Trichromacy



Original Color

144.8790, 17.3147, 46.5871



Protanomaly

142.5750, 24.8595, 6.5117



Deuteranomaly

143.7410, 16.3967, 14.2591



Tritanomaly

143.6710, 2.6272, 44.1385

Monochromacy



Original Color

144.8790, 17.3147, 46.5871



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.1190, 6.3503, 16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.8790, 17.3147, 46.5871 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(198, 111, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 111, 180)  
}
```

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(198, 111, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 111, 180) }
```

Border

The CSS property to change the border of an element to YUV 144.8790, 17.3147, 46.5871 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(198, 111, 180) }
```


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

```
.border{ border-color:rgb(198, 111, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 111, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 111, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 111, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 111,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 144.8790, 17.3147, 46.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 111, 180) }
```

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

```
.background{ background-color: rgb(198,  
111, 180) }
```

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