

Converting Colors

YUV(143.7390, 12.9467,
47.5869)

Have a look what the booklet for
YUV(143.7390, 12.9467, 47.5869)
contains.

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Color

**YUV(143.7390, 12.9467,
47.5869)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C66FAA |
| RGB | 198, 111, 170 |
| RGB Percent | 78%, 44%, 67% |
| CMY | 0.2235, 0.5647, 0.3333 |
| CMYK | 0.00, 0.44, 0.14, 0.22 |
| HSL | 319°, 43%, 61% |
| HSV | 319°, 44%, 78% |
| XYZ | 36.2288, 26.2769, 41.1927 |
| YIQ | 143.7390, 32.9130, 36.7930 |

Conversions

Conversions Part 2

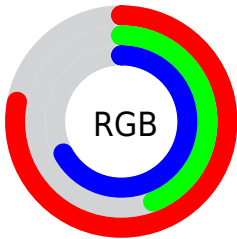
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 198, 111, 170 |
| Decimal | 13004714 |
| CIE Lab | 58.30, 42.27, -16.55 |
| CIE LCh | 58, 45.397, 338.623 |
| Yxy | 26.2769, 0.3494, 0.2534 |
| Android (android.graphics.Color) | 4291194794 (0xFFC66FAA) |
| YUV | 143.7390, 12.9467, 47.5869 |
| Hunter-Lab | 51.2610, 36.4485, -11.7620 |

Details

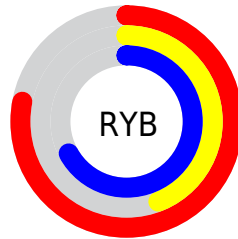
The YUV color **143.7390, 12.9467, 47.5869** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **165.2610, -12.9467, -47.5869**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7500, 12.9413, 49.3313**, and **91.1300, 13.2469, 44.6130** is the 20% darker color. If you saturate the color by 10%, you get **131.3150, 16.1137, 58.4827**, and if you desaturate by 10%, it is **156.1630, 9.7796, 36.6910**.

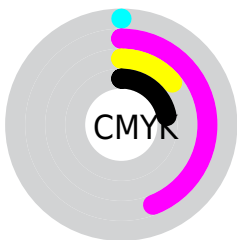
Distribution



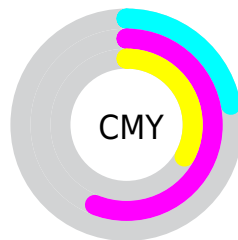
- Red (78%)
- Green (44%)
- Blue (67%)



- Red (78%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 143.7390, 12.9467, 47.5869 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 143.7390, 12.9467, 47.5869 by changing the saturation by 10% instead.


 143.7390, 12.9467,
47.5869


 143.7390, 12.9467,
47.5869


255.0000, 0.0000,
0.0000

 117.0270, 12.8047,
46.4573


 198.7500, 12.9413,
49.3313


 91.1300, 13.2469,
44.6130


 217.9050, 17.7948,
32.5323


 64.3580, 14.1205,
44.4130

 235.0420, 9.8393,
17.5032

 35.0640, 16.7304,
47.3019

 252.0650, 1.4470,
2.5740

 24.4940, 11.0955,
34.6468

 15.5220, 5.1657,
23.2212

 0.0000, 0.0000,

0.0000

■ 143.7390, 12.9467,
47.5869

■ 143.7390, 12.9467,
47.5869

■ 131.3150, 16.1137,
58.4827

■ 156.1630, 9.7796,
36.6910

■ 118.7770, 18.8439,
69.4786

■ 168.7010, 7.0494,
25.6952

■ 106.9400, 21.7216,
79.8596

■ 180.5380, 4.1718,
15.3142

■ 94.5160, 24.8886,
90.7555

■ 192.9620, 1.0047,
4.4183

■ 81.9780, 27.6188,
101.7513

■ 205.5000, -1.7255,
-6.5775

■ 74.4780, 29.3443,
108.3288

■ 217.9240, -4.8925,
-17.4733

■ 230.4620, -7.6228,
-28.4692

■ 234.0810, -6.4489,
-31.6430

■ 234.7650, -3.8281,
-32.2429

Harmonies

Analogous

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



143.7590, 29.2058, 12.4894



143.7390, 12.9467, 47.5869



141.0280, -5.4368, 63.9964

Triad

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



143.7390, 12.9467, 47.5869



135.4140, -38.1651, 14.5459



114.8790, 36.5417, -100.7489

Complementary

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



143.7390, 12.9467, 47.5869



165.2610, -12.9467, -47.5869

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.



111.1340, 19.6539, -97.4645



143.7390, 12.9467, 47.5869



130.6640, -27.4424, -18.1223

Square

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



143.7390, 12.9467, 47.5869



138.4590, -36.2153, 42.5705



119.9370, -4.8989, -62.2117



113.6200, 49.4873, -99.6447

Rectangle

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



143.7390, 12.9467, 47.5869



140.1130, -17.8037, 63.9219



119.9370, -4.8989, -62.2117



114.0980, 31.0107, -100.0639

Sweetspot

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



143.7390, 12.9467, 47.5869



234.3750, 4.7451, 18.0881



129.2900, 33.8740, 8.5157



114.8750, 3.0196, 11.5106



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.



143.7390, 12.9467, 47.5869



170.8530, 20.2855, 73.7969



138.8370, -5.8356, 51.8860



93.3750, 1.2941, 4.9331



61.3910, 24.4572, 89.1111



13.5000, 5.1765, 19.7325

Inverse Universe

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



143.7390, 12.9467, 47.5869



170.8530, 20.2855, 73.7969



170.1630, 5.8356, -51.8860



93.3750, 1.2941, 4.9331



61.3910, 24.4572, 89.1111



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 143.7390, 12.9467, 47.5869 looks on a white background.

Color Contrast Check

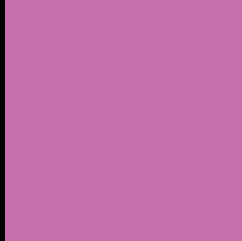
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.7390, 12.9467, 47.5869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

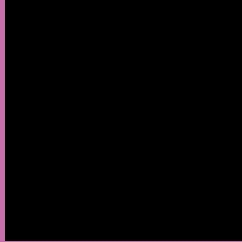
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 143.7390, 12.9467, 47.5869

Background



This preview shows how black text looks on a background with the YUV color 143.7390, 12.9467, 47.5869.



This preview shows how white text looks on a background with the YUV color 143.7390, 12.9467,

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

143.7390, 12.9467, 47.5869

Protanopia

140.9270, 24.1930, -13.0910

Deuteranopia

141.6870, 11.4933, 0.2745



Tritanopia

142.1520, -6.9769, 44.5937

Trichromacy



Original Color

143.7390, 12.9467, 47.5869



Protanomaly

142.0330, 20.1967, 8.7411



Deuteranomaly

142.6120, 12.0233, 17.0033



Tritanomaly

142.6990, 0.1484, 45.8680

Monochromacy



Original Color

143.7390, 12.9467, 47.5869



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

143.9620, 4.4557, 17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.7390, 12.9467, 47.5869 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(198, 111, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 111, 170) }
```

Border

The CSS property to change the border of an element to YUV 143.7390, 12.9467, 47.5869 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, 170) }
```


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

```
.border{ border-color:rgb(198, 111, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 111, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 111, 170);  
box-shadow:4px 4px 4px 4px rgb(198, 111,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 143.7390, 12.9467, 47.5869 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, 170) }
```

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

```
.background{ background-color: rgb(198,  
111, 170) }
```

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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