

Converting Colors

YUV(111.5790, 9.0816, 74.0372)

Have a look what the booklet for
YUV(111.5790, 9.0816, 74.0372)
contains.

YUV(111.5790, 9.0816, 74.0372)	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(111.5790, 9.0816,
74.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	C44182
RGB	196, 65, 130
RGB Percent	77%, 25%, 51%
CMY	0.2314, 0.7451, 0.4902
CMYK	0.00, 0.67, 0.34, 0.23
HSL	330°, 53%, 51%
HSV	330°, 67%, 77%
XYZ	28.6845, 17.1281, 22.9133
YIQ	111.5790, 57.2110, 47.9870

Conversions

Conversions Part 2

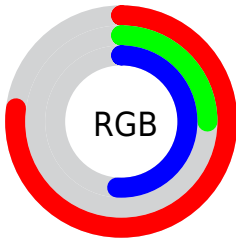
Format	Color
R_{YB}	196, 65, 130
Decimal	12861826
CIE Lab	48.42, 57.71, -7.89
CIE LCh	48, 58.242, 352.214
Yxy	17.1281, 0.4174, 0.2492
Android (android.graphics.Color)	4291051906 (0xFFC44182)
YUV	111.5790, 9.0816, 74.0372
Hunter-Lab	41.3861, 51.2920, -3.8555

Details

The YUV color **111.5790, 9.0816, 74.0372** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **149.4210, -9.0816, -74.0372**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1340, 7.3289, 76.1815**, and **50.4960, 15.0385, 76.7410** is the 20% darker color. If you saturate the color by 10%, you get **98.6990, 10.5014, 85.3330**, and if you desaturate by 10%, it is **124.4590, 7.6617, 62.7415**.

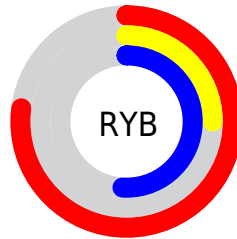
Distribution



Red (77%)

Green (25%)

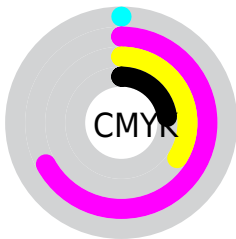
Blue (51%)



Red (77%)

Yellow (25%)

Blue (51%)

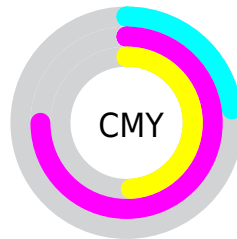


Cyan (0%)

Magenta (67%)

Yellow (34%)

Black (23%)



Cyan (23%)


Magenta (75%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.5790, 9.0816, 74.0372 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 111.5790, 9.0816, 74.0372 by changing the saturation by 10% instead.


 111.5790, 9.0816,
74.0372


 111.5790, 9.0816,
74.0372

255.0000, 0.0000,
0.0000

 81.8610, 11.4075,
74.6669

 168.1340, 7.3289,
76.1815


 50.4960, 15.0385,
76.7410


 187.6480, 11.0195,
59.0677


 39.5020, 9.1195,
61.8267


 207.3900, 15.5837,
41.7540

 28.6220, 3.6374,
46.8125

 226.2370, 14.1802,
25.2252

 18.6390, -2.2870,
33.6426

 243.2600, 5.7878,
10.2960

 5.3820, -2.6533,
11.0660

 0.0000, 0.0000,

0.0000

■ 111.5790, 9.0816,
74.0372

■ 111.5790, 9.0816,
74.0372

■ 98.6990, 10.5014,
85.3330

■ 124.4590, 7.6617,
62.7415

■ 86.4060, 11.6318,
96.1139

■ 136.7520, 6.5313,
51.9605

■ 73.5260, 13.0517,
107.4097

■ 149.6320, 5.1114,
40.6647

■ 69.6620, 13.4776,
110.7984

■ 161.8110, 3.5442,
29.9838

■ 174.6910, 2.1243,
18.6880

■ 187.5710, 0.7045,
7.3922

■ 199.8640, -0.4260,
-3.3887

■ 212.7440, -1.8458,
-14.6845

■ 225.0370, -2.9762,
-25.4654

Harmonies

Analogous

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



117.5110, 28.8351, 38.1399



111.5790, 9.0816, 74.0372



108.6620, -13.6374, 80.9804

Triad

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



111.5790, 9.0816, 74.0372



102.9980, -50.7780, 0.0018



100.5460, 45.0868, -88.1788

Complementary

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



111.5790, 9.0816, 74.0372



149.4210, -9.0816, -74.0372

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.



97.6330, 26.3099, -85.6241



111.5790, 9.0816, 74.0372



92.4530, -20.9293, -53.8943

Square

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



111.5790, 9.0816, 74.0372



107.9470, -53.2179, 36.0035



91.8190, 4.0332, -80.5253



97.6570, 56.8641, -85.6452

Rectangle

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



111.5790, 9.0816, 74.0372



110.1820, -29.1767, 71.7544



91.8190, 4.0332, -80.5253



100.3520, 39.2665, -88.0087

Sweetspot

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



111.5790, 9.0816, 74.0372



222.0990, 3.4022, 28.8542



99.6680, 47.4917, 27.4782



107.9790, 1.9824, 17.5584



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.



111.5790, 9.0816, 74.0372



123.5100, 14.0456, 115.3167



104.1690, -19.3103, 80.5358



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.6910, 2.1243, 18.6880

Inverse Universe

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



111.5790, 9.0816, 74.0372



123.5100, 14.0456, 115.3167



156.8310, 19.3103, -80.5358



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.6910, 2.1243, 18.6880

Previews

White Background



This preview shows how the YUV color 111.5790, 9.0816, 74.0372 looks on a white 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

Black Background



This preview shows how the YUV color 111.5790, 9.0816, 74.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

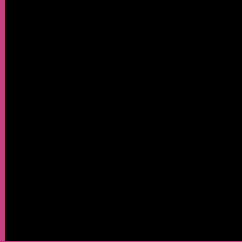
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.5790, 9.0816, 74.0372

Background



This preview shows how black text looks on a background with the YUV color 111.5790, 9.0816, 74.0372.



This preview shows how white text looks on a background with the YUV color 111.5790, 9.0816,

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

111.5790, 9.0816, 74.0372

Protanopia

115.4000, 23.4668, -13.5058

Deuteranopia

116.5430, 3.1833, 5.6628



Tritanopia

111.9550, -14.7678, 70.1995

Trichromacy



Original Color

111.5790, 9.0816, 74.0372



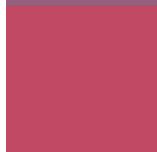
Protanomaly

113.9310, 18.2750, 18.4775



Deuteranomaly

114.9790, 5.4334, 30.7134



Tritanomaly

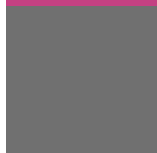
111.8440, -6.3321, 71.1738

Monochromacy



Original Color

111.5790, 9.0816, 74.0372



Achromatopsia

112.0000, 0.0000, 0.0000



Achromatomaly

112.0880, 3.4076, 27.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5790, 9.0816, 74.0372 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(196, 65, 130)` looks like.

```
.text, #text, p{  
    color:rgb(196, 65, 130)  
}
```

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(196, 65, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 65, 130) }
```

Border

The CSS property to change the border of an element to YUV 111.5790, 9.0816, 74.0372 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(196, 65, 130) }
```


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

```
.border{ border-color:rgb(196, 65, 130) }
```

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

Here you see how a box with a 4 pixel rgb(196, 65, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 65, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 65, 130);  
box-shadow:4px 4px 4px 4px rgb(196, 65,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 111.5790, 9.0816, 74.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 65, 130) }
```

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

```
.background{ background-color: rgb(196, 65,  
130) }
```

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