

Converting Colors

YUV(136.2770, 13.6674,
49.7461)

Have a look what the booklet for
YUV(136.2770, 13.6674, 49.7461)
contains.

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Color

**YUV(136.2770, 13.6674,
49.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	C166A4
RGB	193, 102, 164
RGB Percent	76%, 40%, 64%
CMY	0.2431, 0.6000, 0.3569
CMYK	0.00, 0.47, 0.15, 0.24
HSL	319°, 42%, 58%
HSV	319°, 47%, 76%
XYZ	33.4445, 23.5205, 37.8992
YIQ	136.2770, 34.3340, 38.5740

Conversions

Conversions Part 2

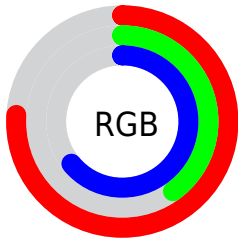
Format	Color
R_{YB}	193, 102, 164
Decimal	12674724
CIE _{Lab}	55.60, 44.35, -17.23
CIE _{LCh}	56, 47.582, 338.769
Yxy	23.5205, 0.3526, 0.2479
Android (android.graphics.Color)	4290864804 (0xFFC166A4)
YUV	136.2770, 13.6674, 49.7461
Hunter-Lab	48.4980, 38.2234, -12.3841

Details

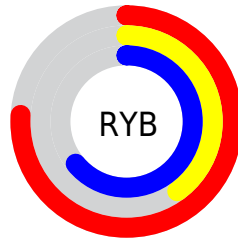
The YUV color **136.2770, 13.6674, 49.7461** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **158.7230, -13.6674, -49.7461**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0000, 13.8040, 52.6200**, and **83.0810, 14.2571, 47.2870** is the 20% darker color. If you saturate the color by 10%, you get **124.4400, 16.5451, 60.1271**, and if you desaturate by 10%, it is **148.1140, 10.7898, 39.3650**.

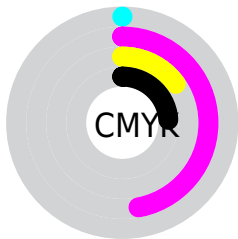
Distribution



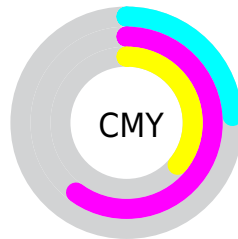
- Red (76%)
- Green (40%)
- Blue (64%)



- Red (76%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (47%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.2770, 13.6674, 49.7461 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 136.2770, 13.6674, 49.7461 by changing the saturation by 10% instead.


 136.2770, 13.6674,
49.7461


 136.2770, 13.6674,
49.7461


255.0000, 0.0000,
0.0000


 109.6790, 13.9623,
48.5165


 191.0000, 13.8040,
52.6200


 83.0810, 14.2571,
47.2870

 211.9380, 17.7786,
37.7654

 55.8360, 15.8569,
47.5018

 229.1720, 12.7332,
22.6512

 32.4120, 15.5729,
45.2427

 246.1950, 4.3409,
7.7220

 22.4290, 9.6485,
32.0728

 12.8590, 4.0135,
19.4177

 0.0000, 0.0000,

0.0000

■ 136.2770, 13.6674,
49.7461

■ 136.2770, 13.6674,
49.7461

■ 124.4400, 16.5451,
60.1271

■ 148.1140, 10.7898,
39.3650

■ 112.0160, 19.7121,
71.0230

■ 160.5380, 7.6228,
28.4692

■ 100.1790, 22.5898,
81.4040

■ 172.3750, 4.7451,
18.0881

■ 88.2280, 25.0306,
91.8850

■ 184.3260, 2.3043,
7.6071

■ 75.8040, 28.1976,
102.7809

■ 196.7500, -0.8627,
-3.2887

■ 72.6410, 28.7710,
105.5548

■ 208.5870, -3.7404,
-13.6698

■ 220.4240, -6.6180,
-24.0508

■ 231.6740, -9.2063,
-33.9171

■ 232.3580, -6.5855,
-34.5170

Harmonies

Analogous

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



136.6990, 30.2214, 13.4190



136.2770, 13.6674, 49.7461



133.4520, -5.1528, 66.2556

Triad

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



136.2770, 13.6674, 49.7461



127.8440, -40.3491, 15.0458



110.2000, 36.3834, -96.6454

Complementary

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



136.2770, 13.6674, 49.7461



158.7230, -13.6674, -49.7461

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.



106.8140, 18.3327, -93.6759



136.2770, 13.6674, 49.7461



122.8380, -28.0211, -19.1519

Square

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



136.2770, 13.6674, 49.7461



130.5300, -37.2363, 43.3852



109.5230, -3.7088, -70.6187



109.6420, 49.4765, -96.1560

Rectangle

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



136.2770, 13.6674, 49.7461



132.4230, -17.9565, 66.2810



109.5230, -3.7088, -70.6187



109.4190, 30.8524, -95.9605

Sweetspot

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



136.2770, 13.6674, 49.7461



228.2010, 5.3239, 19.1177



121.0450, 35.4738, 8.7305



111.8750, 3.0196, 11.5106



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.2770, 13.6674, 49.7461



160.9290, 21.7270, 78.1153



131.1470, -5.9885, 54.2451



90.7880, 1.5835, 5.4479



60.5650, 23.8785, 88.0815



12.4890, 5.1819, 17.9881

Inverse Universe

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



136.2770, 13.6674, 49.7461



160.9290, 21.7270, 78.1153



163.8530, 5.9885, -54.2451



90.7880, 1.5835, 5.4479



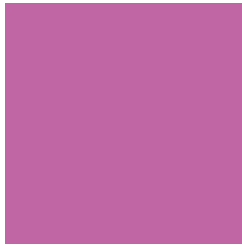
60.5650, 23.8785, 88.0815



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 136.2770, 13.6674, 49.7461 looks on a white background.

Color Contrast Check

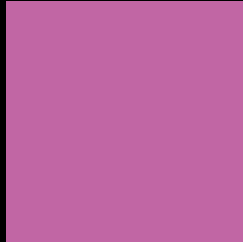
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2770, 13.6674, 49.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

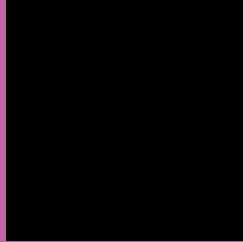
Any Text WCAG AA ✓ Pass

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 136.2770, 13.6674, 49.7461 Background



This preview shows how black text looks on a background with the YUV color 136.2770, 13.6674, 49.7461.



This preview shows how white text looks on a background with the YUV color 136.2770, 13.6674,

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

136.2770, 13.6674, 49.7461

Protanopia

133.6710, 25.7982, -14.6205

Deuteranopia

135.0890, 11.7881, -0.9551



Tritanopia

135.0490, -7.4192, 46.4380

Trichromacy



Original Color

136.2770, 13.6674, 49.7461

Protanomaly

134.6740, 21.3597, 9.0559

Deuteranomaly

135.1390, 12.7495, 17.4181

Tritanomaly

135.7100, 0.1430, 47.6123

Monochromacy



Original Color

136.2770, 13.6674, 49.7461

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.3750, 4.7451, 18.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2770, 13.6674, 49.7461 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(193, 102, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 102, 164)  
}
```

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(193, 102, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 102, 164) }
```

Border

The CSS property to change the border of an element to YUV 136.2770, 13.6674, 49.7461 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(193, 102, 164) }
```


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

```
.border{ border-color:rgb(193, 102, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 102, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 102, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 102, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 102,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 136.2770, 13.6674, 49.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 102, 164) }
```

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

```
.background{ background-color: rgb(193,  
102, 164) }
```

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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