

Converting Colors

YUV(144.4260, 24.4400,
47.8614)

Have a look what the booklet for
YUV(144.4260, 24.4400, 47.8614)
contains.

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Color

**YUV(144.4260, 24.4400,
47.8614)**

Conversions

Conversions Part 1

Format	Color
Hex	C76BC2
RGB	199, 107, 194
RGB Percent	78%, 42%, 76%
CMY	0.2196, 0.5804, 0.2392
CMYK	0.00, 0.46, 0.03, 0.22
HSL	303°, 45%, 60%
HSV	303°, 46%, 78%
XYZ	38.5485, 26.5525, 54.1324
YIQ	144.4260, 26.9050, 46.5610

Conversions

Conversions Part 2

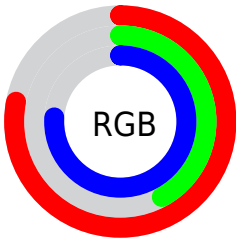
Format	Color
R _{YB}	199, 107, 194
Decimal	13069250
CIE _{Lab}	58.56, 48.74, -29.89
CIE _{LCh}	59, 57.172, 328.478
Yxy	26.5525, 0.3233, 0.2227
Android (android.graphics.Color)	4291259330 (0xFFC76BC2)
YUV	144.4260, 24.4400, 47.8614
Hunter-Lab	51.5292, 43.3582, -26.2149

Details

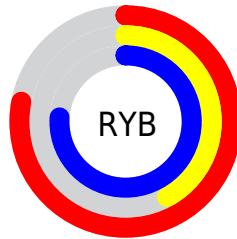
The YUV color **144.4260, 24.4400, 47.8614** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **161.5740, -24.4400, -47.8614**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3660, 25.4556, 48.7910**, and **90.4150, 24.4454, 46.1170** is the 20% darker color. If you saturate the color by 10%, you get **132.5720, 29.7910, 58.2574**, and if you desaturate by 10%, it is **156.2800, 19.0890, 37.4654**.

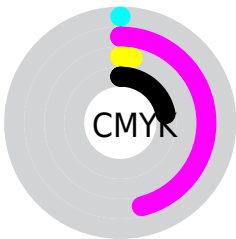
Distribution



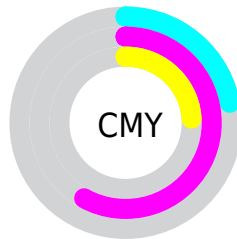
- Red (78%)
- Green (42%)
- Blue (76%)



- Red (78%)
- Yellow (42%)
- Blue (76%)



- Cyan (0%)
- Magenta (46%)
- Yellow (3%)
- Black (22%)




- Cyan (22%)
- Magenta (58%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.4260, 24.4400, 47.8614 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 144.4260, 24.4400, 47.8614 by changing the saturation by 10% instead.


 144.4260, 24.4400,
47.8614


 144.4260, 24.4400,
47.8614


255.0000, 0.0000,
0.0000


 117.7140, 24.2980,
46.7318


 199.3660, 25.4556,
48.7910


 90.4150, 24.4454,
46.1170


 216.2580, 19.0998,
33.9767


 62.9420, 25.1716,
46.5319

 232.6940, 10.9969,
19.5624

 37.0560, 25.6084,
46.4319

 249.7170, 2.6045,
4.6332

 26.6600, 19.3946,
32.7472

 17.4600, 12.5912,
21.5216

 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 144.4260, 24.4400,
47.8614

■ 144.4260, 24.4400,
47.8614

■ 132.5720, 29.7910,
58.2574

■ 156.2800, 19.0890,
37.4654

■ 120.7180, 35.1420,
68.6533

■ 168.1340, 13.7379,
27.0695

■ 108.8640, 40.4930,
79.0493

■ 179.9880, 8.3869,
16.6735

■ 97.0100, 45.8441,
89.4452

■ 191.8420, 3.0359,
6.2776

■ 85.7430, 50.9057,
99.3264

■ 203.6960, -2.3151,
-4.1184

■ 80.9330, 52.7840,
103.5448

■ 214.9630, -7.3768,
-13.9996

■ 226.9310,
-12.2910, -24.4955

■ 232.3280,
-14.4587, -29.2287

■ 232.4420,
-14.0219, -29.3286

Harmonies

Analogous

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



142.4930, 42.6480, -5.6944



144.4260, 24.4400, 47.8614



139.9940, 2.9610, 77.1813

Triad

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



144.4260, 24.4400, 47.8614



134.2560, -51.8912, 30.4705



117.5860, 34.2211, -103.1229

Complementary

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



144.4260, 24.4400, 47.8614



161.5740, -24.4400, -47.8614

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.



112.4730, 12.0918, -98.6388



144.4260, 24.4400, 47.8614



129.8210, -42.3098, -9.4900

Square

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



144.4260, 24.4400, 47.8614



137.3150, -41.0743, 61.1137



117.7660, -15.6606, -63.8158



119.0970, 52.7032, -104.4481

Rectangle

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



144.4260, 24.4400, 47.8614



137.9010, -12.7692, 82.5248



117.7660, -15.6606, -63.8158



116.3490, 26.9429, -102.0381

Sweetspot

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



144.4260, 24.4400, 47.8614



233.6400, 9.5445, 18.7327



118.9830, 39.4484, -6.1241



114.8580, 5.4930, 11.5255



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.



144.4260, 24.4400, 47.8614



171.9080, 37.0204, 72.8717



139.1820, 4.3473, 52.4604



93.7170, 2.6045, 4.6332



66.2930, 43.2396, 84.8120



14.6400, 9.5445, 18.7327

Inverse Universe

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



144.4260, 24.4400, 47.8614



171.9080, 37.0204, 72.8717



166.8180, -4.3473, -52.4604



93.7170, 2.6045, 4.6332



66.2930, 43.2396, 84.8120



14.6400, 9.5445, 18.7327

Previews

White Background



This preview shows how the YUV color 144.4260, 24.4400, 47.8614 looks on a white background.

Color Contrast Check

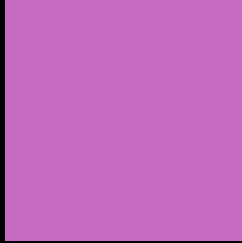
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.4260, 24.4400, 47.8614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

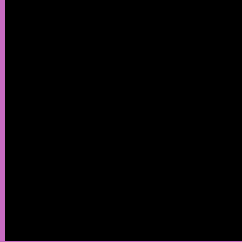
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.4260, 24.4400, 47.8614

Background



This preview shows how black text looks on a background with the YUV color 144.4260, 24.4400, 47.8614.



This preview shows how white text looks on a background with the YUV color 144.4260, 24.4400,

47.8614.

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

144.4260, 24.4400, 47.8614

Protanopia

140.1610, 39.3606, -24.6972

Deuteranopia

141.5960, 22.8772, -11.0467



Tritanopia

143.0700, -5.9505, 42.0346

Trichromacy



Original Color

144.4260, 24.4400, 47.8614



Protanomaly

141.6590, 34.1851, 2.0531



Deuteranomaly

142.2550, 23.5383, 10.3004



Tritanomaly

143.6540, 5.1006, 44.1534

Monochromacy



Original Color

144.4260, 24.4400, 47.8614



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.4010, 8.6763, 17.1883

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4260, 24.4400, 47.8614 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, 107, 194)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 194)  
}
```

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, 107, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 194) }
```

Border

The CSS property to change the border of an element to YUV 144.4260, 24.4400, 47.8614 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, 107, 194) }
```


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

```
.border{ border-color:rgb(199, 107, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 194);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 144.4260, 24.4400, 47.8614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 194) }
```

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

```
.background{ background-color: rgb(199,  
107, 194) }
```

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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