

# Converting Colors

YUV(150.0170, 28.0926,  
42.9581)

Have a look what the booklet for  
YUV(150.0170, 28.0926, 42.9581)  
contains.

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# Color

**YUV(150.0170, 28.0926,  
42.9581)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C772CF
RGB	199, 114, 207
RGB Percent	78%, 45%, 81%
CMY	0.2196, 0.5529, 0.1882
CMYK	0.04, 0.45, 0.00, 0.19
HSL	295°, 49%, 63%
HSV	295°, 45%, 81%
XYZ	40.8330, 28.6817, 62.4155
YIQ	150.0170, 20.8070, 46.9430

# Conversions

## Conversions Part 2

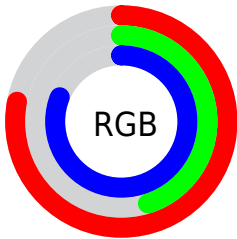
Format	Color
<a href="#">RYB</a>	<a href="#">199, 114, 207</a>
Decimal	<a href="#">13071055</a>
CIELab	<a href="#">60.50, 47.54, -34.24</a>
CIELCh	<a href="#">60, 58.587, 324.233</a>
Yxy	<a href="#">28.6817, 0.3095, 0.2174</a>
Android (android.graphics.Color)	<a href="#">4291261135 (0xFFC772CF)</a>
YUV	<a href="#">150.0170, 28.0926, 42.9581</a>
Hunter-Lab	<a href="#">53.5553, 42.3746, -31.6102</a>

# Details

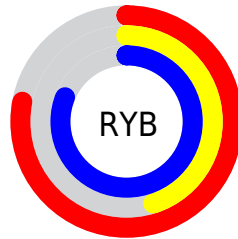
The YUV color **150.0170, 28.0926, 42.9581** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **170.9830, -28.0926, -42.9581**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9310, 25.1770, 44.7875**, and **96.4790, 27.3719, 40.7989** is the 20% darker color. If you saturate the color by 10%, you get **137.0920, 34.4646, 52.5393**, and if you desaturate by 10%, it is **162.9420, 21.7206, 33.3769**.

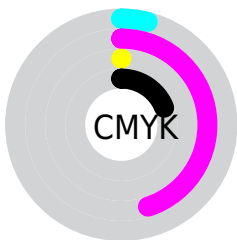
# Distribution



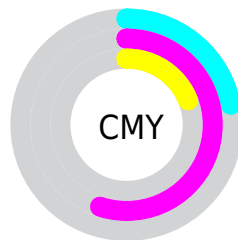
- Red (78%)
- Green (45%)
- Blue (81%)



- Red (78%)
- Yellow (45%)
- Blue (81%)



- Cyan (4%)
- Magenta (45%)
- Yellow (0%)
- Black (19%)




- Cyan (22%)
- Magenta (55%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 150.0170, 28.0926, 42.9581 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 150.0170, 28.0926, 42.9581 by changing the saturation by 10% instead.





 150.0170, 28.0926,  
42.9581


 150.0170, 28.0926,  
42.9581


255.0000, 0.0000,  
0.0000

 123.1910, 27.5138,  
41.9285


 203.9310, 25.1770,  
44.7875

 96.4790, 27.3719,  
40.7989


 220.3670, 17.0741,  
30.3731

 69.5930, 27.8087,  
40.6989

 237.3900, 8.6817,  
15.4440

 39.0110, 30.5606,  
44.7174

254.4130, 0.2894,  
0.5148

 27.8000, 23.7626,  
31.7474

 18.6000, 16.9592,  
20.5218

 3.5340, 13.5407,

-3.0993

■ 0.2280, 0.8736,  
-0.2000

■ 0.0000, 0.0000,  
0.0000

■ 150.0170, 28.0926,  
42.9581

■ 150.0170, 28.0926,  
42.9581

■ 137.0920, 34.4646,  
52.5393

■ 162.9420, 21.7206,  
33.3769

■ 124.7540, 40.5473,  
61.6057

■ 175.2800, 15.6380,  
24.3104

■ 112.1280, 46.7719,  
71.8017

■ 187.9060, 9.4133,  
14.1144

■ 99.2030, 53.1439,  
81.3830

■ 200.8310, 3.0413,  
4.5332

86.8650, 59.2266,  
90.4494

213.7560, -3.3307,  
-5.0480

80.1090, 62.5573,  
95.4974

226.0940, -9.4133,  
-14.1144

236.3720,  
-14.4804, -22.2512

236.9700,  
-14.7752, -21.0217

237.5680,  
-15.0700, -19.7921

# Harmonies

## Analogous

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



145.8770, 46.8956, -14.8011



150.0170, 28.0926, 42.9581



145.5040, 6.1605, 77.6110

# Triad

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



150.0170, 28.0926, 42.9581



140.0610, -52.7811, 35.9035



121.1080, 32.4848, -106.2117

# Complementary

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



150.0170, 28.0926, 42.9581



170.9830, -28.0926, -42.9581

# 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.



115.0660, 9.3345, -100.9129



150.0170, 28.0926, 42.9581



135.8280, -46.2572, -3.3572

# Square

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



150.0170, 28.0926, 42.9581



142.4020, -39.6382, 67.1764



125.0400, -21.2187, -54.4091



123.5480, 51.9878, -108.3516



# Rectangle

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



150.0170, 28.0926, 42.9581



143.3080, -10.0118, 84.7989



125.0400, -21.2187, -54.4091



119.7570, 24.7698, -105.0269

# Sweetspot

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



150.0170, 28.0926, 42.9581



234.7320, 9.9921, 15.1440



129.8850, 38.0177, -13.9311



115.0750, 6.3720, 9.5812



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.



150.0170, 28.0926, 42.9581



170.4060, 41.7048, 63.6649



148.1910, 10.7518, 51.5755



98.2440, 3.3307, 5.0480



65.1980, 50.6814, 77.8794



15.7370, 12.4547, 18.6477



# Inverse Universe

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



142.7190, -10.2145, 56.3744



159.6300, -15.1006, 83.6395



172.8090, -10.7518, -51.5755



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828

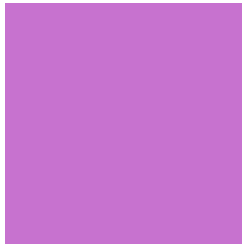


12.7150, -4.2965, 24.8059



# Previews

## White Background



This preview shows how the YUV color 150.0170, 28.0926, 42.9581 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

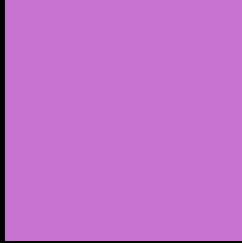
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 150.0170, 28.0926, 42.9581 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

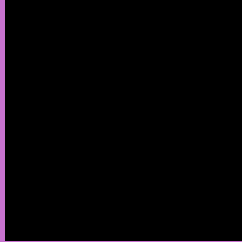
Any Text WCAG AA ✓ Pass

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 150.0170, 28.0926, 42.9581 Background



This preview shows how black text looks on a background with the YUV color 150.0170, 28.0926, 42.9581.



This preview shows how white text looks on a background with the YUV color 150.0170, 28.0926,



# 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

150.0170, 28.0926, 42.9581

### Protanopia

144.0620, 42.8604, -27.2414

### Deuteranopia

146.0130, 27.1086, -14.9204



## Tritanopia

148.3790, -4.6238, 36.5016

# Trichromacy



## Original Color

150.0170, 28.0926, 42.9581



## Protanomaly

145.8480, 37.5429, -1.6207



## Deuteranomaly

147.2590, 27.4803, 5.9119



## Tritanomaly

149.1910, 7.3008, 38.4205

# Monochromacy



## Original Color

150.0170, 28.0926, 42.9581



## Achromatopsia

150.0000, 0.0000, 0.0000



## Achromatomaly

150.1450, 10.2815, 15.6588

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.0170, 28.0926, 42.9581 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, 114, 207)` looks like.

```
.text, #text, p{  
    color:rgb(199, 114, 207)  
}
```

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, 114, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 114, 207) }
```

## Border

The CSS property to change the border of an element to YUV 150.0170, 28.0926, 42.9581 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, 114, 207) }
```



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

```
.border{ border-color:rgb(199, 114, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 114, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 114, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 114, 207);  
box-shadow:4px 4px 4px 4px rgb(199, 114,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 150.0170, 28.0926, 42.9581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 114, 207) }
```

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

```
.background{ background-color: rgb(199,  
114, 207) }
```

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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