

# Converting Colors

YUV(149.9960, 26.6240,  
47.3615)

Have a look what the booklet for  
YUV(149.9960, 26.6240, 47.3615)  
contains.

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# Color

**YUV(149.9960, 26.6240,  
47.3615)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC70CC
RGB	204, 112, 204
RGB Percent	80%, 44%, 80%
CMY	0.2000, 0.5608, 0.2000
CMYK	0.00, 0.45, 0.00, 0.20
HSL	300°, 47%, 62%
HSV	300°, 45%, 80%
XYZ	41.5951, 28.7853, 60.4906
YIQ	149.9960, 25.3000, 48.1160

# Conversions

## Conversions Part 2

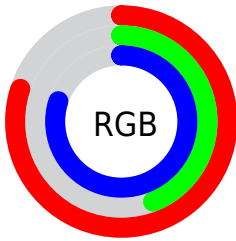
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 112, 204</a>
Decimal	<a href="#">13398220</a>
CIELab	<a href="#">60.59, 49.47, -32.36</a>
CIElCh	<a href="#">61, 59.117, 326.812</a>
Yxy	<a href="#">28.7853, 0.3178, 0.2200</a>
Android (android.graphics.Color)	<a href="#">4291588300 (0xFFCC70CC)</a>
YUV	<a href="#">149.9960, 26.6240, 47.3615</a>
Hunter-Lab	<a href="#">53.6520, 44.4958, -29.2908</a>

# Details

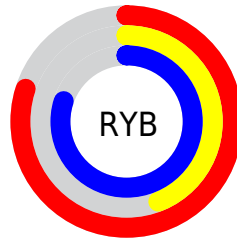
The YUV color **149.9960, 26.6240, 47.3615** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **166.0040, -26.6240, -47.3615**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7570, 25.7558, 45.8171**, and **95.8710, 26.1926, 45.7171** is the 20% darker color. If you saturate the color by 10%, you get **138.2560, 32.4118, 57.6575**, and if you desaturate by 10%, it is **161.7360, 20.8362, 37.0655**.

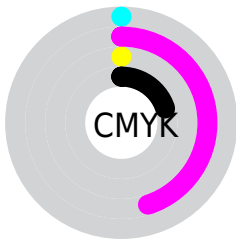
# Distribution



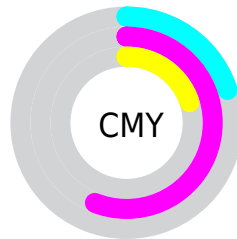
- Red (80%)
- Green (44%)
- Blue (80%)



- Red (80%)
- Yellow (44%)
- Blue (80%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (56%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.9960, 26.6240, 47.3615 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 149.9960, 26.6240, 47.3615 by changing the saturation by 10% instead.



149.9960, 26.6240,  
47.3615

149.9960, 26.6240,  
47.3615

255.0000, 0.0000,  
0.0000

123.1700, 26.0452,  
46.3319

202.7570, 25.7558,  
45.8171

95.8710, 26.1926,  
45.7171

219.1930, 17.6529,  
31.4027

68.9850, 26.6294,  
45.6172

236.2160, 9.2605,  
16.4736

39.2780, 28.9499,  
47.9912

253.2390, 0.8682,  
1.5444

28.7680, 22.2994,  
34.4065

19.5680, 15.4960,  
23.1809

4.8010, 11.9301,

0.1745

■ 0.0000, 0.0000,  
0.0000

■ 149.9960, 26.6240,  
47.3615

■ 149.9960, 26.6240,  
47.3615

■ 138.2560, 32.4118,  
57.6575

■ 161.7360, 20.8362,  
37.0655

■ 125.9290, 38.4890,  
68.4683

■ 174.0630, 14.7589,  
26.2547

■ 114.1890, 44.2768,  
78.7642

■ 185.8030, 8.9711,  
15.9588

■ 101.8620, 50.3540,  
89.5750

■ 198.1300, 2.8939,  
5.1480

■ 90.1220, 56.1419,  
99.8710

■ 209.8700, -2.8939,  
-5.1480

■ 84.2520, 59.0358,  
105.0190

■ 221.6100, -8.6817,  
-15.4440

■ 233.9370,  
-14.7589, -26.2547

# Harmonies

## Analogous

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



147.5680, 45.5690, -9.2681



149.9960, 26.6240, 47.3615



145.0590, 4.4079, 79.7553

# Triad

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



149.9960, 26.6240, 47.3615



139.9960, -54.2280, 33.3295



122.2650, 34.3794, -107.2264

# Complementary

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



149.9960, 26.6240, 47.3615



166.0040, -26.6240, -47.3615

# 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.



116.2230, 11.2291, -101.9276



149.9960, 26.6240, 47.3615



135.1480, -44.9360, -7.1458

# Square

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



149.9960, 26.6240, 47.3615



142.5220, -41.6693, 65.3172



123.0930, -18.2868, -61.4716



124.0040, 53.7350, -108.7515



# Rectangle

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



149.9960, 26.6240, 47.3615



143.1510, -11.9064, 85.8136



123.0930, -18.2868, -61.4716



120.3270, 26.9538, -105.5268

# Sweetspot

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



149.9960, 26.6240, 47.3615



233.8680, 10.4181, 18.5328



122.4880, 40.1854, -9.1980



115.0860, 6.3666, 11.3256



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.



149.9960, 26.6240, 47.3615



173.9940, 39.9360, 71.0423



144.7520, 6.5313, 51.9605



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624



# Inverse Universe

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



149.9960, 26.6240, 47.3615



173.9940, 39.9360, 71.0423



171.2480, -6.5313, -51.9605



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624



# Previews

## White Background



This preview shows how the YUV color 149.9960, 26.6240, 47.3615 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

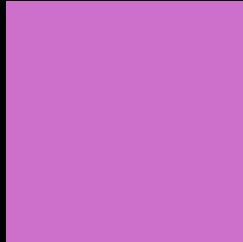
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 149.9960, 26.6240, 47.3615 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

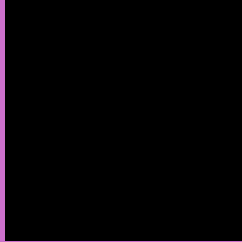
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 149.9960, 26.6240, 47.3615

## Background



This preview shows how black text looks on a background with the YUV color 149.9960, 26.6240, 47.3615.



This preview shows how white text looks on a background with the YUV color 149.9960, 26.6240,



# 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

149.9960, 26.6240, 47.3615

### Protanopia

144.8340, 41.9868, -27.0414

### Deuteranopia

146.5680, 25.3560, -12.7761



## Tritanopia

148.7710, -5.8031, 41.4198

# Trichromacy



## Original Color

149.9960, 26.6240, 47.3615



## Protanomaly

146.6310, 36.6639, 0.3236



## Deuteranomaly

147.5260, 25.8697, 9.1857



## Tritanomaly

149.4690, 5.6848, 43.4387

# Monochromacy



## Original Color

149.9960, 26.6240, 47.3615



## Achromatopsia

150.0000, 0.0000, 0.0000



## Achromatomaly

150.0420, 9.8393, 17.5032

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.9960, 26.6240, 47.3615 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(204, 112, 204)` looks like.

```
.text, #text, p{  
    color:rgb(204, 112, 204)  
}
```

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(204, 112, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 112, 204) }
```

## Border

The CSS property to change the border of an element to YUV 149.9960, 26.6240, 47.3615 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(204, 112, 204) }
```



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

```
.border{ border-color:rgb(204, 112, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 112, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 112, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 112, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 112,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 149.9960, 26.6240, 47.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 112, 204) }
```

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

```
.background{ background-color: rgb(204,  
112, 204) }
```

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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