

Converting Colors

YUV(144.3060, 26.4711,
49.7206)

Have a look what the booklet for
YUV(144.3060, 26.4711, 49.7206)
contains.

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Color

**YUV(144.3060, 26.4711,
49.7206)**

Conversions

Conversions Part 1

Format	Color
Hex	C969C6
RGB	201, 105, 198
RGB Percent	79%, 41%, 78%
CMY	0.2118, 0.5882, 0.2235
CMYK	0.00, 0.48, 0.01, 0.21
HSL	302°, 47%, 60%
HSV	302°, 48%, 79%
XYZ	39.3320, 26.5979, 56.4870
YIQ	144.3060, 27.3630, 49.2750

Conversions

Conversions Part 2

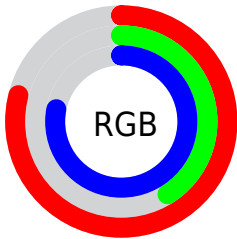
Format	Color
R _Y B	201, 105, 198
Decimal	13199814
CIE Lab	58.60, 51.04, -32.08
CIE LCh	59, 60.289, 327.849
Yxy	26.5979, 0.3213, 0.2173
Android (android.graphics.Color)	4291389894 (0xFFC969C6)
YUV	144.3060, 26.4711, 49.7206
Hunter-Lab	51.5731, 45.8792, -28.8379

Details

The YUV color **144.3060, 26.4711, 49.7206** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **161.6940, -26.4711, -49.7206**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **90.2950, 26.4766, 47.9763** is the 20% darker color. If you saturate the color by 10%, you get **132.4520, 31.8222, 60.1166**, and if you desaturate by 10%, it is **156.1600, 21.1201, 39.3247**.

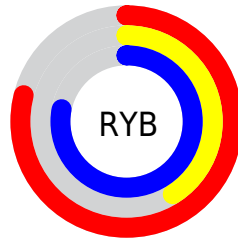
Distribution



Red (79%)

Green (41%)

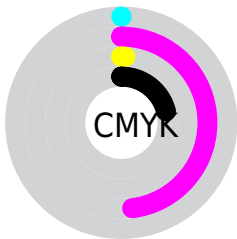
Blue (78%)



Red (79%)

Yellow (41%)

Blue (78%)

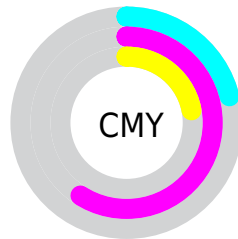


Cyan (0%)

Magenta (48%)

Yellow (1%)

Black (21%)



Cyan (21%)


Magenta (59%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 144.3060, 26.4711, 49.7206 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 144.3060, 26.4711, 49.7206 by changing the saturation by 10% instead.


 144.3060, 26.4711,
49.7206


 144.3060, 26.4711,
49.7206


255.0000, 0.0000,
0.0000


 117.0070, 26.6185,
49.1059


 198.6480, 27.7815,
49.4207


 90.2950, 26.4766,
47.9763


 215.0840, 19.6786,
35.0063


 61.6480, 27.7815,
49.4207

 232.1070, 11.2862,
20.0772

 37.8110, 27.2082,
46.6468

 249.1300, 2.8939,
5.1480

 27.3010, 20.5576,
33.0620

 18.1010, 13.7542,
21.8364

 2.7360, 10.4832,

-2.3995

■ 0.0000, 0.0000,
0.0000

■ 144.3060, 26.4711,
49.7206

■ 144.3060, 26.4711,
49.7206

■ 132.4520, 31.8222,
60.1166

■ 156.1600, 21.1201,
39.3247

■ 120.7120, 37.6100,
70.4126

■ 167.9000, 15.3323,
29.0287

■ 108.8580, 42.9610,
80.8085

■ 179.7540, 9.9813,
18.6327

■ 97.0040, 48.3120,
91.2045

■ 191.6080, 4.6303,
8.2368

■ 85.2640, 54.0998,
101.5005

■ 203.9350, -1.4470,
-2.5740

■ 82.3290, 55.5468,
104.0745

■ 215.7890, -6.7980,
-12.9700

■ 227.5290,
-12.5858, -23.2659

■ 232.9260,
-14.7535, -27.9991

■ 233.0400,
-14.3167, -28.0991

Harmonies

Analogous

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



142.2800, 45.7110, -8.1386



144.3060, 26.4711, 49.7206



138.9560, 3.9657, 81.5996

Triad

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



144.3060, 26.4711, 49.7206



133.6000, -56.9908, 32.7998



118.4010, 34.8053, -103.8377

Complementary

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



144.3060, 26.4711, 49.7206



161.6940, -26.4711, -49.7206

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.



112.8320, 10.9288, -98.9537



144.3060, 26.4711, 49.7206



128.9090, -45.8041, -8.6902

Square

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



144.3060, 26.4711, 49.7206



136.8810, -42.8323, 65.0024



114.6190, -16.0812, -68.9489



120.1400, 54.1610, -105.3628

Rectangle

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



144.3060, 26.4711, 49.7206



136.7490, -12.2013, 87.0431



114.6190, -16.0812, -68.9489



117.0500, 27.0904, -102.6529

Sweetspot

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



144.3060, 26.4711, 49.7206



233.7540, 9.9813, 18.6327



116.5420, 41.6378, -8.3683



114.9720, 5.9298, 11.4256



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.



144.3060, 26.4711, 49.7206



169.3150, 39.7777, 75.1457



138.9480, 5.9416, 54.4196



93.7170, 2.6045, 4.6332



66.7490, 44.9867, 84.4121



14.7540, 9.9813, 18.6327

Inverse Universe

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



144.3060, 26.4711, 49.7206



169.3150, 39.7777, 75.1457



167.0520, -5.9416, -54.4196



93.7170, 2.6045, 4.6332



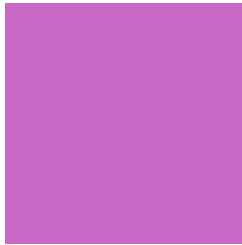
66.7490, 44.9867, 84.4121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 144.3060, 26.4711, 49.7206 looks on a white background.

Color Contrast Check

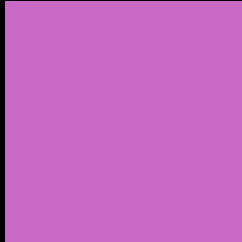
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.3060, 26.4711, 49.7206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

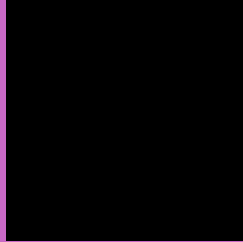
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.3060, 26.4711, 49.7206

Background



This preview shows how black text looks on a background with the YUV color 144.3060, 26.4711, 49.7206.



This preview shows how white text looks on a background with the YUV color 144.3060, 26.4711, 49.7206.

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

144.3060, 26.4711, 49.7206

Protanopia

139.6490, 42.5710, -27.7562

Deuteranopia

141.1550, 25.0666, -13.2909



Tritanopia

143.5540, -6.6821, 43.3641

Trichromacy



Original Color

144.3060, 26.4711, 49.7206



Protanomaly

141.6310, 36.6639, 0.3236



Deuteranomaly

142.4120, 25.4329, 9.2857



Tritanomaly

143.7790, 5.5320, 45.7978

Monochromacy



Original Color

144.3060, 26.4711, 49.7206



Achromatopsia

144.0000, 0.0000, 0.0000



Achromatomaly

144.3410, 9.6919, 18.1179

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.3060, 26.4711, 49.7206 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(201, 105, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 105, 198)  
}
```

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(201, 105, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 105, 198) }
```

Border

The CSS property to change the border of an element to YUV 144.3060, 26.4711, 49.7206 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(201, 105, 198) }
```


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

```
.border{ border-color:rgb(201, 105, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 105, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 105, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 105, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 105,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 144.3060, 26.4711, 49.7206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 105, 198) }
```

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

```
.background{ background-color: rgb(201,  
105, 198) }
```

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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