

Converting Colors

YUV(147.1480, 26.0560,
42.8432)

Have a look what the booklet for
YUV(147.1480, 26.0560, 42.8432)
contains.

YUV(147.1480, 26.0560, 42.8432)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.1480, 26.0560,
42.8432)**

Conversions

Conversions Part 1

Format	Color
Hex	C470C8
RGB	196, 112, 200
RGB Percent	77%, 44%, 78%
CMY	0.2314, 0.5608, 0.2157
CMYK	0.02, 0.44, 0.00, 0.22
HSL	297°, 44%, 61%
HSV	297°, 44%, 78%
XYZ	38.9844, 27.4942, 57.8958
YIQ	147.1480, 21.8160, 45.1760

Conversions

Conversions Part 2

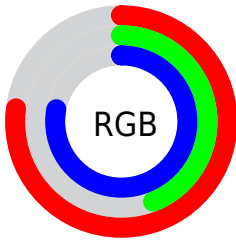
Format	Color
R _Y B	196, 112, 200
Decimal	12873928
CIE Lab	59.43, 46.37, -31.98
CIE LCh	59, 56.329, 325.409
Yxy	27.4942, 0.3134, 0.2211
Android (android.graphics.Color)	4291064008 (0xFFC470C8)
YUV	147.1480, 26.0560, 42.8432
Hunter-Lab	52.4349, 40.9504, -28.7603

Details

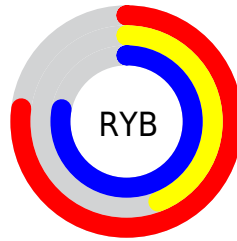
The YUV color $147.1480, 26.0560, 42.8432$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $164.8520, -26.0560, -42.8432$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.4580, 25.9032, 45.2023$, and $93.7240, 25.7721, 40.5841$ is the 20% darker color. If you saturate the color by 10%, you get $135.1090, 31.9913, 52.5244$, and if you desaturate by 10%, it is $159.1870, 20.1208, 33.1620$.

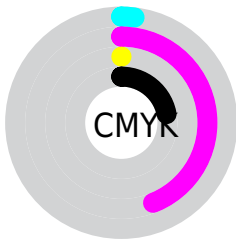
Distribution



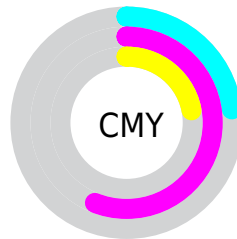
- Red (77%)
- Green (44%)
- Blue (78%)



- Red (77%)
- Yellow (44%)
- Blue (78%)



- Cyan (2%)
- Magenta (44%)
- Yellow (0%)
- Black (22%)





- Cyan (23%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.1480, 26.0560, 42.8432 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 147.1480, 26.0560, 42.8432 by changing the saturation by 10% instead.


 147.1480, 26.0560,
42.8432


 147.1480, 26.0560,
42.8432


255.0000, 0.0000,
0.0000

 120.3220, 25.4773,
41.8136


 202.4580, 25.9032,
45.2023


 93.7240, 25.7721,
40.5841


 219.1930, 17.6529,
31.4027


 66.8380, 26.2089,
40.4841

 235.6290, 9.5499,
16.9884

 36.8430, 28.6714,
43.9877

 252.6520, 1.1576,
2.0592

 26.6320, 21.8734,
31.0177

 17.7310, 14.9226,
20.4069

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 147.1480, 26.0560,
42.8432

■ 147.1480, 26.0560,
42.8432

■ 135.1090, 31.9913,
52.5244

■ 159.1870, 20.1208,
33.1620

■ 123.0700, 37.9265,
62.2056

■ 171.2260, 14.1856,
23.4808

■ 111.0310, 43.8617,
71.8868

■ 183.2650, 8.2504,
13.7996

■ 98.9920, 49.7969,
81.5680

■ 195.3040, 2.3151,
4.1184

■ 86.9530, 55.7322,
91.2492

■ 207.3430, -3.6201,
-5.5628

■ 79.9090, 59.2049,
97.4268

■ 219.0830, -9.4079,
-15.8588

■ 231.1220,
-15.3431, -25.5400

■ 233.1820,
-16.3587, -26.4696

■ 233.4810,
-16.5061, -25.8548

Harmonies

Analogous

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



143.8020, 43.9746, -11.2274



147.1480, 26.0560, 42.8432



143.1400, 4.8610, 74.4222

Triad

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



147.1480, 26.0560, 42.8432



137.6200, -50.5917, 33.6593



119.0050, 32.0425, -104.3674

Complementary

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



147.1480, 26.0560, 42.8432



164.8520, -26.0560, -42.8432

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.



112.7180, 10.4920, -98.8537



147.1480, 26.0560, 42.8432



133.3270, -43.0522, -4.6718

Square

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



147.1480, 26.0560, 42.8432



140.3090, -38.6063, 62.8730



122.9090, -19.1821, -54.2942



120.6300, 50.9614, -105.7925

Rectangle

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



147.1480, 26.0560, 42.8432



141.1720, -10.4378, 81.4102



122.9090, -19.1821, -54.2942



117.1810, 25.0538, -102.7677

Sweetspot

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



147.1480, 26.0560, 42.8432



235.0310, 9.8447, 15.7588



124.3800, 37.2807, -10.8573



115.3740, 6.2246, 10.1960



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.



147.1480, 26.0560, 42.8432



173.9610, 39.9522, 65.8092



143.7840, 7.9945, 49.3014



93.7170, 2.6045, 4.6332



65.2260, 48.2026, 79.6088



14.2700, 10.7129, 17.3032

Inverse Universe

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



138.7680, -11.2246, 53.7005



161.0490, -17.2792, 82.3950



168.2160, -7.9945, -49.3014



92.6910, -1.3267, 5.5330



49.5350, -20.9698, 99.5088



10.9920, -4.4331, 21.9320

Previews

White Background



This preview shows how the YUV color 147.1480, 26.0560, 42.8432 looks on a white background.

Color Contrast Check

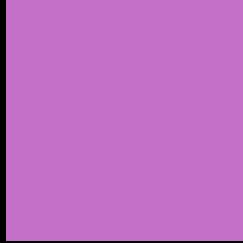
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.1480, 26.0560, 42.8432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

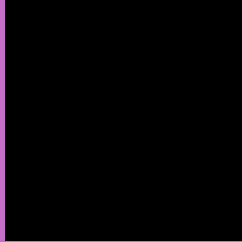
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.1480, 26.0560, 42.8432

Background



This preview shows how black text looks on a background with the YUV color 147.1480, 26.0560, 42.8432.



This preview shows how white text looks on a background with the YUV color 147.1480, 26.0560,

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

147.1480, 26.0560, 42.8432

Protanopia

142.0900, 40.3816, -25.5119

Deuteranopia

143.5680, 25.3560, -12.7761



Tritanopia

145.6780, -4.7713, 37.1164

Trichromacy



Original Color

147.1480, 26.0560, 42.8432



Protanomaly

143.5770, 35.2115, -0.5060



Deuteranomaly

144.5150, 25.8751, 7.4413



Tritanomaly

146.2620, 6.2798, 39.2352

Monochromacy



Original Color

147.1480, 26.0560, 42.8432



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.9170, 9.4079, 15.8588

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1480, 26.0560, 42.8432 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(196, 112, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 200)  
}
```

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(196, 112, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 200) }
```

Border

The CSS property to change the border of an element to YUV 147.1480, 26.0560, 42.8432 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(196, 112, 200) }
```


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

```
.border{ border-color:rgb(196, 112, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 112, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 112, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 112, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 112,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 147.1480, 26.0560, 42.8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 112, 200) }
```

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

```
.background{ background-color: rgb(196,  
112, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor