

Converting Colors

YUV(146.3760, 26.9296,
42.6432)

Have a look what the booklet for
YUV(146.3760, 26.9296, 42.6432)
contains.

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Color

**YUV(146.3760, 26.9296,
42.6432)**

Conversions

Conversions Part 1

Format	Color
Hex	C36FC9
RGB	195, 111, 201
RGB Percent	76%, 44%, 79%
CMY	0.2353, 0.5647, 0.2118
CMYK	0.03, 0.45, 0.00, 0.21
HSL	296°, 45%, 61%
HSV	296°, 45%, 79%
XYZ	38.7327, 27.1880, 58.4647
YIQ	146.3760, 21.1740, 45.7980

Conversions

Conversions Part 2

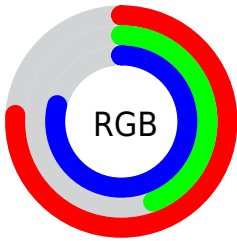
Format	Color
RYB	195, 111, 201
Decimal	12808137
CIELab	59.15, 46.78, -32.99
CIELCh	59, 57.245, 324.807
Yxy	27.1880, 0.3114, 0.2186
Android (android.graphics.Color)	4290998217 (0xFFC36FC9)
YUV	146.3760, 26.9296, 42.6432
Hunter-Lab	52.1421, 41.3464, -29.9798

Details

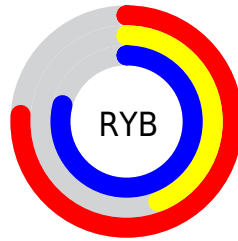
The YUV color **146.3760, 26.9296, 42.6432** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.6240, -26.9296, -42.6432**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5720, 26.3400, 45.1024**, and **92.9520, 26.6457, 40.3841** is the 20% darker color. If you saturate the color by 10%, you get **134.3370, 32.8649, 52.3245**, and if you desaturate by 10%, it is **158.4150, 20.9944, 32.9620**.

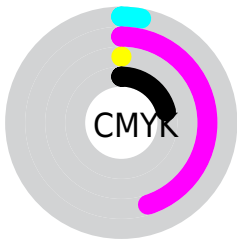
Distribution



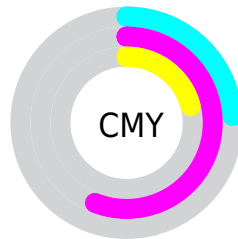
- Red (76%)
- Green (44%)
- Blue (79%)



- Red (76%)
- Yellow (44%)
- Blue (79%)



- Cyan (3%)
- Magenta (45%)
- Yellow (0%)
- Black (21%)





- Cyan (24%)
- Magenta (56%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.3760, 26.9296, 42.6432 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 146.3760, 26.9296, 42.6432 by changing the saturation by 10% instead.


 146.3760, 26.9296,
42.6432


 146.3760, 26.9296,
42.6432


255.0000, 0.0000,
0.0000

 119.5500, 26.3508,
41.6136


 201.5720, 26.3400,
45.1024


 92.9520, 26.6457,
40.3841


 218.6060, 17.9422,
31.9175


 66.0660, 27.0825,
40.2841

 235.0420, 9.8393,
17.5032

 36.5440, 28.8188,
43.3729

 252.0650, 1.4470,
2.5740

 26.3330, 22.0208,
30.4030

 17.2470, 15.6542,
19.0774

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 146.3760, 26.9296,
42.6432

■ 146.3760, 26.9296,
42.6432

■ 134.3370, 32.8649,
52.3245

■ 158.4150, 20.9944,
32.9620

■ 121.9990, 38.9475,
61.3909

■ 170.7530, 14.9118,
23.8956

■ 109.9600, 44.8827,
71.0721

■ 182.7920, 8.9765,
14.2144

■ 97.9210, 50.8179,
80.7533

■ 194.8310, 3.0413,
4.5332

■ 85.5830, 56.9006,
89.8197

■ 207.7560, -3.3307,
-5.0480

■ 79.1260, 60.0839,
95.4825

■ 219.7950, -9.2659,
-14.7292

■ 231.8340,
-15.2012, -24.4104

■ 234.1930,
-16.3641, -24.7253

■ 234.4920,
-16.5116, -24.1105

Harmonies

Analogous

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



142.7200, 45.0010, -13.7864



146.3760, 26.9296, 42.6432



141.9660, 5.4398, 75.4518

Triad

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



146.3760, 26.9296, 42.6432



136.6910, -51.6127, 34.4740



118.3040, 31.8951, -103.7526

Complementary

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



146.3760, 26.9296, 42.6432



165.6240, -26.9296, -42.6432

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.



112.4900, 9.6184, -98.6537



146.3760, 26.9296, 42.6432



132.2840, -44.5100, -3.7571

Square

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



146.3760, 26.9296, 42.6432



139.2060, -39.0486, 64.7173



121.6810, -20.0557, -54.0942



120.6300, 50.9614, -105.7925

Rectangle

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



146.3760, 26.9296, 42.6432



139.8840, -10.2958, 82.5397



121.6810, -20.0557, -54.0942



117.0670, 24.6170, -102.6678

Sweetspot

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



146.3760, 26.9296, 42.6432



235.0310, 9.8447, 15.7588



124.7820, 37.5755, -12.0868



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.



146.3760, 26.9296, 42.6432



171.3030, 41.2626, 65.5093



143.7240, 9.0101, 50.2311



93.7170, 2.6045, 4.6332



64.0300, 48.7922, 77.1497



13.9710, 10.8603, 16.6884

Inverse Universe

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



138.5940, -10.6458, 54.7301



159.2880, -16.4110, 83.9394



168.2760, -9.0101, -50.2311



92.6910, -1.3267, 5.5330



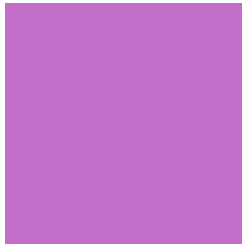
49.9910, -19.2226, 99.1089



10.9920, -4.4331, 21.9320

Previews

White Background



This preview shows how the YUV color 146.3760, 26.9296, 42.6432 looks on a white background.

Color Contrast Check

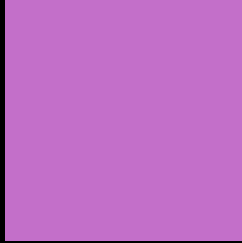
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.3760, 26.9296, 42.6432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

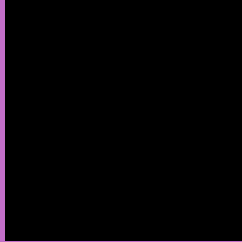
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.3760, 26.9296, 42.6432

Background



This preview shows how black text looks on a background with the YUV color 146.3760, 26.9296, 42.6432.



This preview shows how white text looks on a background with the YUV color 146.3760, 26.9296,

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

146.3760, 26.9296, 42.6432

Protanopia

141.0190, 41.4026, -26.3267

Deuteranopia

142.7850, 26.2350, -14.7204



Tritanopia

144.9660, -4.9132, 35.9868

Trichromacy



Original Color

146.3760, 26.9296, 42.6432



Protanomaly

142.8050, 36.0851, -0.7060



Deuteranomaly

144.0310, 26.6067, 6.1118



Tritanomaly

145.6640, 6.5746, 38.0057

Monochromacy



Original Color

146.3760, 26.9296, 42.6432



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.0310, 9.8447, 15.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3760, 26.9296, 42.6432 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(195, 111, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 201)  
}
```

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(195, 111, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 201) }
```

Border

The CSS property to change the border of an element to YUV 146.3760, 26.9296, 42.6432 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(195, 111, 201) }
```


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

```
.border{ border-color:rgb(195, 111, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 146.3760, 26.9296, 42.6432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 201) }
```

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

```
.background{ background-color: rgb(195,  
111, 201) }
```

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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