

Converting Colors

YUV(136.7720, 26.2414,
30.0180)

Have a look what the booklet for
YUV(136.7720, 26.2414, 30.0180)
contains.

YUV(136.7720, 26.2414, 30.0180)	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(136.7720, 26.2414,
30.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6DBE
RGB	171, 109, 190
RGB Percent	67%, 43%, 75%
CMY	0.3294, 0.5725, 0.2549
CMYK	0.10, 0.43, 0.00, 0.25
HSL	286°, 38%, 59%
HSV	286°, 43%, 75%
XYZ	31.5575, 23.3129, 51.5518
YIQ	136.7720, 10.9510, 38.3350

Conversions

Conversions Part 2

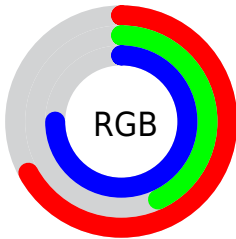
Format	Color
R _Y B	171, 109, 190
Decimal	11234750
CIE Lab	55.39, 38.50, -32.79
CIE LCh	55, 50.567, 319.577
Yxy	23.3129, 0.2965, 0.2191
Android (android.graphics.Color)	4289424830 (0xFFAB6DBE)
YUV	136.7720, 26.2414, 30.0180
Hunter-Lab	48.2834, 32.1695, -29.5050

Details

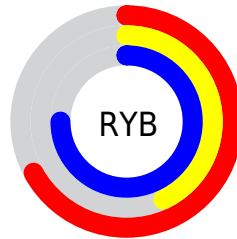
The YUV color $136.7720, 26.2414, 30.0180$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $162.2280, -26.2414, -30.0180$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $191.4240, 27.3990, 32.0772$, and $85.1200, 25.0838, 27.9588$ is the 20% darker color. If you saturate the color by 10%, you get $124.4230, 32.3295, 37.3400$, and if you desaturate by 10%, it is $149.1210, 20.1533, 22.6959$.

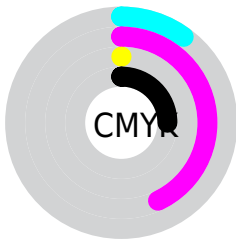
Distribution



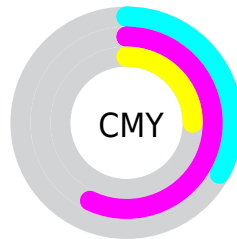
- Red (67%)
- Green (43%)
- Blue (75%)



- Red (67%)
- Yellow (43%)
- Blue (75%)



- Cyan (10%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)




- Cyan (33%)
- Magenta (57%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.7720, 26.2414, 30.0180 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 136.7720, 26.2414, 30.0180 by changing the saturation by 10% instead.


 136.7720, 26.2414,
30.0180


 136.7720, 26.2414,
30.0180

255.0000, 0.0000,
0.0000


 110.9460, 25.6626,
28.9884

 191.4240, 27.3990,
32.0772


 85.1200, 25.0838,
27.9588


 216.2580, 19.0998,
33.9767


 60.4080, 24.9419,
26.8292

 233.2810, 10.7075,
19.0476

 33.6470, 25.8100,
28.3736

 249.7170, 2.6045,
4.6332

 19.6260, 20.8904,
19.6220

 9.0450, 15.2608,
5.2225

 2.5250, 7.1362,

-2.2144

0.0000, 0.0000,
0.0000

136.7720, 26.2414,
30.0180

136.7720, 26.2414,
30.0180

124.4230, 32.3295,
37.3400

149.1210, 20.1533,
22.6959

111.7750, 38.5649,
44.0473

161.7690, 13.9179,
15.9886

99.4260, 44.6530,
51.3694

174.1180, 7.8298,
8.6665

86.7780, 50.8884,
58.0767

186.7660, 1.5944,
1.9592

74.4290, 56.9765,
65.3988

199.1150, -4.4937,
-5.3629

65.0150, 61.6176,
70.1468

211.7630,
-10.7292, -12.0702

224.1120,
-16.8172, -19.3922

233.2380,
-21.3163, -23.0107

234.4340,
-21.9060, -20.5516

Harmonies

Analogous

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



131.0520, 41.3864, -21.0936



136.7720, 26.2414, 30.0180



134.1600, 7.8091, 62.1267

Triad

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



136.7720, 26.2414, 30.0180



128.6940, -42.7401, 35.3484



108.7520, 25.7583, -95.3755

Complementary

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



136.7720, 26.2414, 30.0180



162.2280, -26.2414, -30.0180

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.



102.9210, 5.9549, -90.2617



136.7720, 26.2414, 30.0180



125.0660, -40.4585, 3.4501

Square

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



136.7720, 26.2414, 30.0180



130.5350, -31.3228, 60.0438



117.9220, -22.1465, -36.7656



111.3230, 43.2248, -97.6303

Rectangle

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



136.7720, 26.2414, 30.0180



131.9580, -5.8953, 71.0738



117.9220, -22.1465, -36.7656



107.0420, 19.2063, -93.8758

Sweetspot

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



136.7720, 26.2414, 30.0180



226.1230, 10.2924, 12.1701



129.9740, 29.5928, -18.3942



111.7650, 6.5249, 7.2221



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.7720, 26.2414, 30.0180



164.3670, 40.7381, 47.0361



140.1730, 14.7047, 43.6983



88.1190, 2.8993, 3.4036



54.1910, 51.1778, 58.5915



10.4110, 10.1504, 11.0406

Inverse Universe

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



135.3850, -3.6408, 47.8974



162.0940, -5.4693, 74.4626



158.8270, -14.7047, -43.6983



87.9190, -0.4531, 5.3330



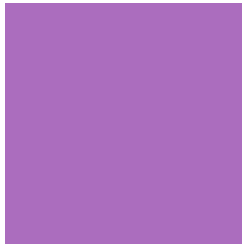
51.4600, -7.1288, 93.4356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 136.7720, 26.2414, 30.0180 looks on a white background.

Color Contrast Check

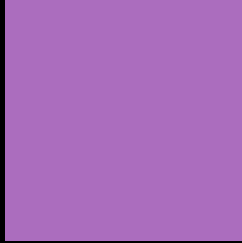
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7720, 26.2414, 30.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

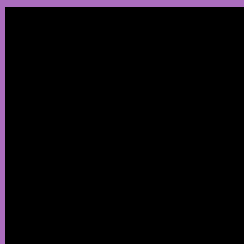
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.7720, 26.2414, 30.0180

Background



This preview shows how black text looks on a background with the YUV color 136.7720, 26.2414, 30.0180.



This preview shows how white text looks on a background with the YUV color 136.7720, 26.2414,

30.0180.

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

136.7720, 26.2414, 30.0180

Protanopia

131.1180, 37.9028, -23.7825

Deuteranopia

132.4860, 26.3824, -15.3352



Tritanopia

135.2850, -2.1125, 24.3061

Trichromacy



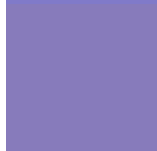
Original Color

136.7720, 26.2414, 30.0180



Protanomaly

132.8000, 33.6226, -4.2096



Deuteranomaly

133.8840, 26.1862, 0.9787



Tritanomaly

135.6410, 8.0650, 26.6248

Monochromacy



Original Color

136.7720, 26.2414, 30.0180



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.8840, 9.4242, 10.6257

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7720, 26.2414, 30.0180 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(171, 109, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 109, 190)  
}
```

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(171, 109, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 109, 190) }
```

Border

The CSS property to change the border of an element to YUV 136.7720, 26.2414, 30.0180 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(171, 109, 190) }
```


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

```
.border{ border-color:rgb(171, 109, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 109, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 109, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 109, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 109,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 136.7720, 26.2414, 30.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 109, 190) }
```

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

```
.background{ background-color: rgb(171,  
109, 190) }
```

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