

Converting Colors

YUV(121.2160, 26.0225, 6.8266)

Have a look what the booklet for
YUV(121.2160, 26.0225, 6.8266)
contains.

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Color

**YUV(121.2160, 26.0225,
6.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	816BAE
RGB	129, 107, 174
RGB Percent	51%, 42%, 68%
CMY	0.4941, 0.5804, 0.3176
CMYK	0.26, 0.39, 0.00, 0.32
HSL	260°, 29%, 55%
HSV	260°, 39%, 68%
XYZ	21.9509, 18.2385, 42.4078
YIQ	121.2160, -8.3950, 25.5010

Conversions

Conversions Part 2

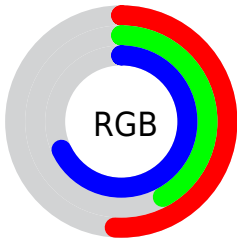
Format	Color
R_{YB}	129, 107, 174
Decimal	8481710
CIE _{Lab}	49.78, 23.21, -32.64
CIE _{LCh}	50, 40.051, 305.424
Yxy	18.2385, 0.2658, 0.2208
Android (android.graphics.Color)	4286671790 (0xFF816BAE)
YUV	121.2160, 26.0225, 6.8266
Hunter-Lab	42.7066, 17.0115, -28.9807

Details

The YUV color **121.2160, 26.0225, 6.8266** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **159.7840, -26.0225, -6.8266**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2700, 27.4749, 7.6562**, and **71.7490, 24.2807, 5.4821** is the 20% darker color. If you saturate the color by 10%, you get **107.6490, 32.7110, 8.2008**, and if you desaturate by 10%, it is **134.7830, 19.3340, 5.4523**.

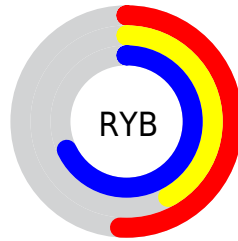
Distribution



Red (51%)

Green (42%)

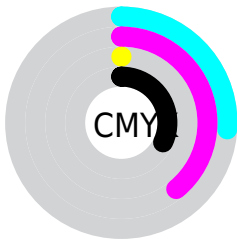
Blue (68%)



Red (51%)

Yellow (42%)

Blue (68%)

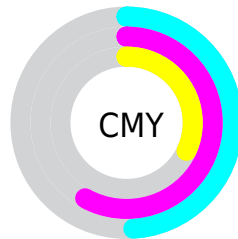


Cyan (26%)

Magenta (39%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (58%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.2160, 26.0225, 6.8266 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 121.2160, 26.0225, 6.8266 by changing the saturation by 10% instead.

■ 121.2160, 26.0225,
6.8266

■ 121.2160, 26.0225,
6.8266

■ 255.0000, 0.0000,
0.0000

■ 96.2760, 25.0069,
5.8969

■ 174.2700, 27.4749,
7.6562

■ 71.7490, 24.2807,
5.4821

■ 201.3410, 26.4539,
8.4709

■ 48.5100, 23.4126,
3.9377

■ 225.8610, 14.3655,
12.3999

■ 25.9720, 22.6918,
1.7786

■ 247.3690, 3.7621,
6.6924

■ 8.5760, 19.9290,
1.2488

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 121.2160, 26.0225,
6.8266

■ 121.2160, 26.0225,
6.8266

■ 107.6490, 32.7110,
8.2008

■ 134.7830, 19.3340,
5.4523

■ 93.7940, 39.5416,
10.7047

■ 148.6380, 12.5035,
2.9485

■ 80.2270, 46.2301,
12.0789

■ 162.2050, 5.8149,
1.5742

■ 66.0730, 53.2080,
13.9680

■ 176.3590, -1.1630,
-0.3148

■ 52.8050, 59.7491,
15.9570

■ 189.6270, -7.7041,
-2.3039

■ 39.2380, 66.4377,
17.3313

■ 203.1940,
-14.3926, -3.6781

■ 36.8790, 67.6007,
17.6461

■ 217.3480,
-21.3706, -5.5672

■ 230.6160,
-27.9117, -7.5562

■ 239.4870,
-32.2851, -4.8121

Harmonies

Analogous

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



112.2750, 36.3464, -37.9522



121.2160, 26.0225, 6.8266



121.8580, 12.3950, 37.8355

Triad

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



121.2160, 26.0225, 6.8266



116.7450, -29.9473, 38.8116



93.9680, 14.8058, -82.4099

Complementary

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



121.2160, 26.0225, 6.8266



159.7840, -26.0225, -6.8266

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.



102.5690, -6.6895, -47.8570



121.2160, 26.0225, 6.8266



114.7930, -32.9289, 15.0905

Square

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



121.2160, 26.0225, 6.8266



118.5200, -18.4974, 53.0410



111.0930, -24.6958, -12.3596



96.5560, 29.7989, -84.6796

Rectangle

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



121.2160, 26.0225, 6.8266



120.3020, 2.3161, 50.6011



111.0930, -24.6958, -12.3596



92.0130, 9.8536, -80.6954

Sweetspot

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



121.2160, 26.0225, 6.8266



205.7690, 10.4669, 2.8336



141.6400, 15.9535, -30.3793



102.3190, 6.2517, 1.4742



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



121.2160, 26.0225, 6.8266



145.0220, 40.4152, 10.5047



131.0830, 21.1581, 27.1142



79.9230, 3.4890, 0.9445



31.7510, 58.2968, 15.1274



5.0140, 8.8671, 2.6187

Inverse Universe

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



132.1630, 9.7796, 36.6910



162.0760, 15.2455, 56.9383



149.9170, -21.1581, -27.1142



81.3750, 1.2941, 4.9331



56.3640, 22.0055, 82.1188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 121.2160, 26.0225, 6.8266 looks on a white background.

Color Contrast Check

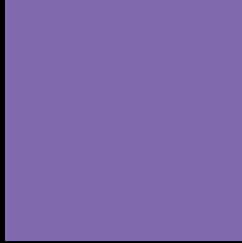
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 121.2160, 26.0225, 6.8266 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 121.2160, 26.0225, 6.8266

Background



This preview shows how black text looks on a background with the YUV color 121.2160, 26.0225, 6.8266.



This preview shows how white text looks on a background with the YUV color 121.2160, 26.0225,

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

121.2160, 26.0225, 6.8266

Protanopia

117.2450, 31.9242, -19.5089

Deuteranopia

117.8770, 26.6826, -18.3091



Tritanopia

118.9230, 3.4890, 0.9445

Trichromacy



Original Color

121.2160, 26.0225, 6.8266

Protanomaly

118.7300, 29.7131, -10.2872

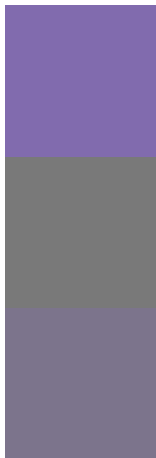
Deuteranomaly

119.2310, 26.5081, -8.9726

Tritanomaly

119.4100, 11.6299, 3.1484

Monochromacy



Original Color

121.2160, 26.0225, 6.8266

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.2160, 26.0225, 6.8266 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(129, 107, 174)` looks like.

```
.text, #text, p{  
    color:rgb(129, 107, 174)  
}
```

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(129, 107, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 107, 174) }
```

Border

The CSS property to change the border of an element to YUV 121.2160, 26.0225, 6.8266 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(129, 107, 174) }
```


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

```
.border{ border-color:rgb(129, 107, 174) }
```

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

Here you see how a box with a 4 pixel rgb(129, 107, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 107, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 107, 174);  
box-shadow:4px 4px 4px 4px rgb(129, 107,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 121.2160, 26.0225, 6.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 107, 174) }
```

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

```
.background{ background-color: rgb(129,  
107, 174) }
```

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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