

Converting Colors

YUV(26.5150, 79.6121, -8.3447)

Have a look what the booklet for
YUV(26.5150, 79.6121, -8.3447)
contains.

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Color

**YUV(26.5150, 79.6121,
-8.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	1100BC
RGB	17, 0, 188
RGB Percent	7%, 0%, 74%
CMY	0.9333, 1.0000, 0.2627
CMYK	0.91, 1.00, 0.00, 0.26
HSL	245°, 100%, 37%
HSV	245°, 100%, 74%
XYZ	9.3083, 3.7500, 47.8102
YIQ	26.5150, -50.2160, 62.0720

Conversions

Conversions Part 2

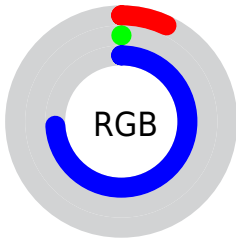
Format	Color
RYB	17, 0, 188
Decimal	1114300
CIELab	22.83, 63.11, -85.07
CIELCh	23, 105.925, 306.571
Yxy	3.7500, 0.1529, 0.0616
Android (android.graphics.Color)	4279304380 (0xFF1100BC)
YUV	26.5150, 79.6121, -8.3447
Hunter-Lab	19.3649, 51.9120, -132.8258

Details

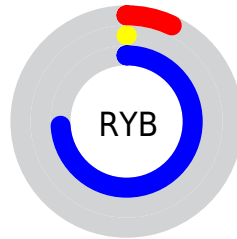
The YUV color **26.5150, 79.6121, -8.3447** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **161.4850, -79.6121, 8.3447**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.2460, 74.3217, 8.5543**, and **15.1620, 58.0941, -13.2971** is the 20% darker color. If you saturate the color by 10%, you get **26.5150, 79.6121, -8.3447**, and if you desaturate by 10%, it is **42.7510, 71.6078, -7.6746**.

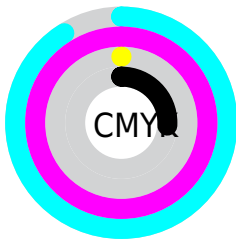
Distribution



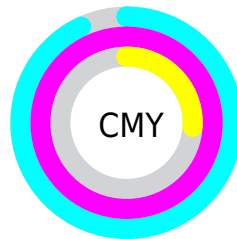
- Red (7%)
- Green (0%)
- Blue (74%)



- Red (7%)
- Yellow (0%)
- Blue (74%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (93%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.5150, 79.6121, -8.3447 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 26.5150, 79.6121, -8.3447 by changing the saturation by 10% instead.

■ 26.5150, 79.6121,
-8.3447

■ 26.5150, 79.6121,
-8.3447

■ 254.4130, 0.2894,
0.5148

■ 18.2400, 69.8877,
-15.9965

■ 95.2460, 74.3217,
8.5543

■ 15.1620, 58.0941,
-13.2971

■ 121.9880, 65.5749,
14.0425

■ 12.0840, 46.3006,
-10.5977

■ 146.5190, 53.4811,
19.7158

■ 15.6910, 32.1973,
-13.7610

■ 171.6370, 41.0980,
24.8744

■ 9.4330, 23.4505,
-8.2727

■ 196.7550, 28.7148,
30.0329

■ 5.1640, 14.7091,
-4.5288

■ 220.3670, 17.0741,


■ 1.0260, 3.9312,


30.3731


-0.8998


 237.3900, 8.6817,
15.4440


 0.0000, 0.0000,
0.0000


 26.5150, 79.6121,
-8.3447

 42.7510, 71.6078,
-7.6746

 58.9870, 63.6034,
-7.0046

 74.6360, 55.8885,
-5.8198

 90.8720, 47.8841,
-5.1497

 107.1080, 39.8798,
-4.4797

■ 123.6430, 31.7280,
-3.1949

■ 139.8790, 23.7237,
-2.5249

■ 155.5280, 16.0087,
-1.3401

■ 171.7640, 8.0043,
-0.6700

Harmonies

Analogous

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



64.6370, 77.5800, -56.6866



26.5150, 79.6121, -8.3447



58.8290, 30.1573, 80.8340

Triad

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



26.5150, 79.6121, -8.3447



39.3690, -19.4089, 65.4514



52.7060, 9.0189, -46.2232

Complementary

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



26.5150, 79.6121, -8.3447



161.4850, -79.6121, 8.3447

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.



44.0250, -21.7043, -38.6099



26.5150, 79.6121, -8.3447



49.5940, -24.4498, 2.1101

Square

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



26.5150, 79.6121, -8.3447



46.9430, -23.1429, 96.5200



41.0900, -20.2574, -36.0359



64.1740, 42.8052, -56.2806

Rectangle

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



26.5150, 79.6121, -8.3447



59.4790, 4.2009, 99.5579



41.0900, -20.2574, -36.0359



49.5140, -3.2114, -43.4238

Sweetspot

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



26.5150, 79.6121, -8.3447



181.5290, 31.2912, -3.0949



122.3960, 32.3428, -107.3413



84.2120, 18.6295, -1.9399



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



26.5150, 79.6121, -8.3447



34.5080, 103.7726, -10.9695



54.3220, 65.9033, 48.8296



86.3250, 3.7838, -0.2850



22.1980, 66.9504, -7.1896



4.4310, 13.0985, -1.2550

Inverse Universe

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



75.7060, 46.9799, 98.4818



98.6770, 61.2912, 128.3253



133.6780, -65.9033, -48.8296



88.6030, 2.1677, 4.7332



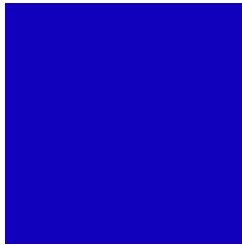
63.6580, 39.6086, 82.7379



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 26.5150, 79.6121, -8.3447 looks on a white background.

Color Contrast Check

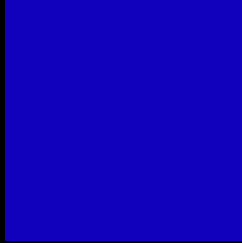
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 26.5150, 79.6121, -8.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

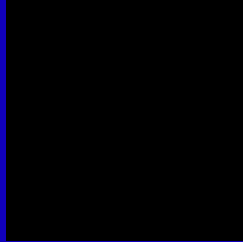
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.5150, 79.6121, -8.3447

Background



This preview shows how black text looks on a background with the YUV color 26.5150, 79.6121, -8.3447.



This preview shows how white text looks on a background with the YUV color 26.5150, 79.6121, -8.3447.

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



Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.8050, 25.7321, -40.1710

Tritanopia

45.0920, 10.3076, -39.5457

Trichromacy



Protanomaly

38.5270, 51.0122, -28.5262

Deuteranomaly

39.0340, 45.3392, -28.9708

Tritanomaly

38.4010, 35.2983, -28.4157

Monochromacy



Achromatopsia

27.0000, 0.0000, 0.0000

Achromatomaly

26.6600, 29.2546, -3.2098

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.5150, 79.6121, -8.3447 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(17, 0, 188)` looks like.

```
.text, #text, p{  
    color:rgb(17, 0, 188)  
}
```

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(17, 0, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 0, 188) }
```

Border

The CSS property to change the border of an element to YUV 26.5150, 79.6121, -8.3447 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(17, 0, 188) }
```

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

```
.border{ border-color:rgb(17, 0, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 0, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 0, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 0, 188);  
box-shadow:4px 4px 4px 4px rgb(17, 0, 188)  
}
```


Background

The CSS property to change the background color of an element to YUV 26.5150, 79.6121, -8.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 0, 188) }
```

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

```
.background{ background-color: rgb(17, 0,  
188) }
```

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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