

Converting Colors

YUV(46.6210, 79.0668, 26.6424)

Have a look what the booklet for
YUV(46.6210, 79.0668, 26.6424)
contains.

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Color

**YUV(46.6210, 79.0668,
26.6424)**

Conversions

Conversions Part 1

Format	Color
Hex	4D00CF
RGB	77, 0, 207
RGB Percent	30%, 0%, 81%
CMY	0.6980, 1.0000, 0.1882
CMYK	0.63, 1.00, 0.00, 0.19
HSL	262°, 100%, 41%
HSV	262°, 100%, 81%
XYZ	14.3231, 6.0828, 59.4507
YIQ	46.6210, -20.5550, 80.7010

Conversions

Conversions Part 2

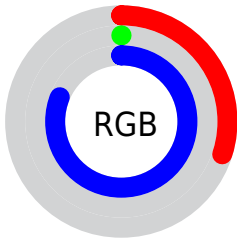
Format	Color
R_{YB}	77, 0, 207
Decimal	5046479
CIE _{Lab}	29.62, 69.43, -84.81
CIE _{LCh}	30, 109.609, 309.307
Yxy	6.0828, 0.1794, 0.0762
Android (android.graphics.Color)	4283236559 (0xFF4D00CF)
YUV	46.6210, 79.0668, 26.6424
Hunter-Lab	24.6633, 60.5021, -125.6538

Details

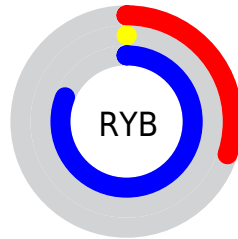
The YUV color **46.6210, 79.0668, 26.6424** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **160.3790, -79.0668, -26.6424**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9170, 70.0469, 26.3828**, and **17.2140, 65.9565, -15.0967** is the 20% darker color. If you saturate the color by 10%, you get **46.6210, 79.0668, 26.6424**, and if you desaturate by 10%, it is **62.8350, 71.0733, 23.8237**.

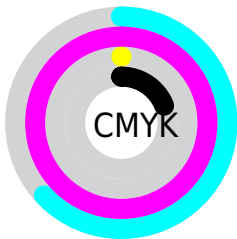
Distribution



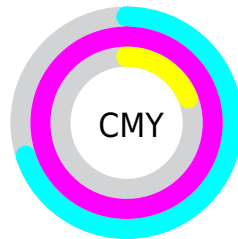
- Red (30%)
- Green (0%)
- Blue (81%)



- Red (30%)
- Yellow (0%)
- Blue (81%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (70%)
- Magenta (100%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.6210, 79.0668, 26.6424 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 46.6210, 79.0668, 26.6424 by changing the saturation by 10% instead.

■ 46.6210, 79.0668,
26.6424

■ 46.6210, 79.0668,
26.6424

■ 255.0000, 0.0000,
0.0000

■ 30.8710, 73.0276,
3.6211

■ 112.9170, 70.0469,
26.3828

■ 17.2140, 65.9565,
-15.0967

■ 138.0350, 57.6637,
31.5413

■ 14.1360, 54.1630,
-12.3973

■ 163.4410, 45.1386,
35.5702

■ 11.1720, 42.8062,
-9.7978

■ 188.8580, 32.6080,
41.3435

■ 13.6050, 29.2817,
-11.9316

■ 210.9750, 21.7043,
38.6099


■ 7.9340, 20.2455,
-6.9581

■ 227.9980, 13.3120,


■ 3.6650, 11.5042,


23.6808


-3.2142


 245.0210, 4.9196,
8.7516

 0.0000, 0.0000,
0.0000


 46.6210, 79.0668,
26.6424

 62.8350, 71.0733,
23.8237

 78.4620, 63.3692,
21.5198

 94.6760, 55.3757,
18.7011

 110.8900, 47.3822,
15.8825

 127.1040, 39.3887,
13.0638

■ 142.7310, 31.6846,
10.7599

■ 158.9450, 23.6911,
7.9412

■ 175.1590, 15.6976,
5.1226

■ 190.7860, 7.9935,
2.8187

Harmonies

Analogous

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



74.5310, 85.0272, -65.3637



46.6210, 79.0668, 26.6424



68.8680, 31.1241, 97.4628

Triad

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



46.6210, 79.0668, 26.6424



60.3010, -29.7284, 62.0030



66.7090, 14.4405, -58.5038

Complementary

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



46.6210, 79.0668, 26.6424



160.3790, -79.0668, -26.6424

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.



54.5910, -26.9134, -47.8763



46.6210, 79.0668, 26.6424



63.1500, -31.1329, -1.0085

Square

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



46.6210, 79.0668, 26.6424



53.8200, -26.5333, 110.6599



52.2430, -25.7558, -45.8171



78.0460, 50.2633, -68.4463

Rectangle

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



46.6210, 79.0668, 26.6424



68.5780, 4.1520, 115.2571



52.2430, -25.7558, -45.8171



62.7020, 1.6259, -54.9897

Sweetspot

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



46.6210, 79.0668, 26.6424



196.0360, 29.0693, 9.6154



100.4950, 52.5070, -88.1341



92.3270, 17.5868, 5.8522



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.



46.6210, 79.0668, 26.6424



57.4750, 97.3798, 32.9094



77.1190, 64.0313, 89.3496



96.4500, 4.2152, 1.3594



37.9890, 64.0954, 21.9346



9.1590, 15.6976, 5.1226

Inverse Universe

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



76.7130, 26.2705, 114.2617



94.4850, 32.2989, 140.7717



129.8810, -64.0313, -89.3496



98.0870, 1.4361, 6.0627



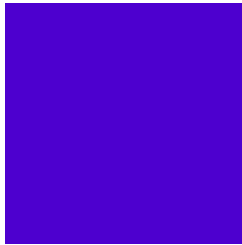
62.3160, 21.5362, 92.6849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 46.6210, 79.0668, 26.6424 looks on a white background.

Color Contrast Check

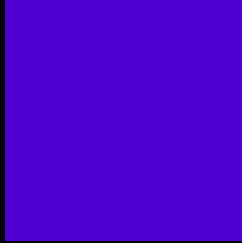
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.6210, 79.0668, 26.6424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

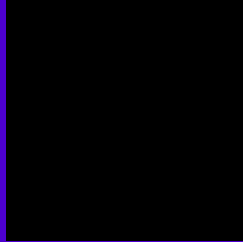
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.6210, 79.0668, 26.6424

Background



This preview shows how black text looks on a background with the YUV color 46.6210, 79.0668, 26.6424.



This preview shows how white text looks on a background with the YUV color 46.6210, 79.0668,

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



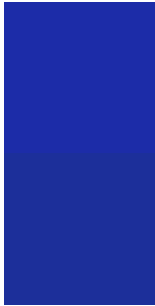
Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.5740, 32.7480, -50.4924

Trichromacy



Protanomaly

53.3520, 56.5215, -22.2337

Deuteranomaly

53.5170, 49.5381, -22.3784

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9220, 28.6325, 9.7154

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.6210, 79.0668, 26.6424 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(77, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 207)  
}
```

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(77, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 207) }
```

Border

The CSS property to change the border of an element to YUV 46.6210, 79.0668, 26.6424 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(77, 0, 207) }
```

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

```
.border{ border-color:rgb(77, 0, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(77, 0, 207)  
}
```


Background

The CSS property to change the background color of an element to YUV 46.6210, 79.0668, 26.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 207) }
```

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

```
.background{ background-color: rgb(77, 0,  
207) }
```

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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