

Converting Colors

YUV(42.4480, 81.1241,
-26.7029)

Have a look what the booklet for
YUV(42.4480, 81.1241, -26.7029)
contains.

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Color

**YUV(42.4480, 81.1241,
-26.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	0C1ACF
RGB	12, 26, 207
RGB Percent	5%, 10%, 81%
CMY	0.9529, 0.8980, 0.1882
CMYK	0.94, 0.87, 0.00, 0.19
HSL	236°, 89%, 43%
HSV	236°, 94%, 81%
XYZ	11.7835, 5.3219, 59.4377
YIQ	42.4480, -66.4450, 53.3230

Conversions

Conversions Part 2

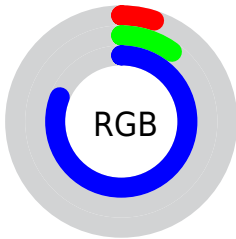
Format	Color
R_{YB}	12, 25, 207
Decimal	793295
CIE _{Lab}	27.63, 61.24, -88.23
CIE _{LCh}	28, 107.398, 304.767
Yxy	5.3219, 0.1539, 0.0695
Android (android.graphics.Color)	4278983375 (0xFF0C1ACF)
YUV	42.4480, 81.1241, -26.7029
Hunter-Lab	23.0693, 50.8040, -136.6109

Details

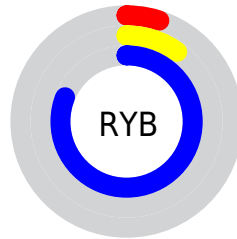
The YUV color **42.4480, 81.1241, -26.7029** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **176.5520, -81.1241, 26.7029**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5610, 73.1804, 1.2620**, and **17.2140, 65.9565, -15.0967** is the 20% darker color. If you saturate the color by 10%, you get **32.4030, 86.0763, -28.4174**, and if you desaturate by 10%, it is **59.8800, 72.5302, -23.5738**.

Distribution



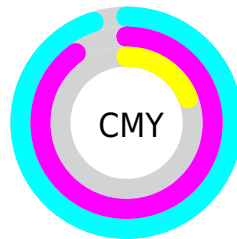
- Red (5%)
- Green (10%)
- Blue (81%)



- Red (5%)
- Yellow (10%)
- Blue (81%)



- Cyan (94%)
- Magenta (87%)
- Yellow (0%)
- Black (19%)



- Cyan (95%)
- Magenta (90%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.4480, 81.1241, -26.7029 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 42.4480, 81.1241, -26.7029 by changing the saturation by 10% instead.

■ 42.4480, 81.1241,
-26.7029

■ 42.4480, 81.1241,
-26.7029

■ 255.0000, 0.0000,
0.0000

■ 20.4060, 78.1868,
-17.8961

■ 106.5610, 73.1804,
1.2620

■ 17.2140, 65.9565,
-15.0967

■ 131.6900, 60.7918,
8.1649

■ 14.1360, 54.1630,
-12.3973

■ 156.5200, 48.5506,
14.4530

■ 17.0420, 39.9123,
-14.9458

■ 181.9370, 36.0201,
20.2263

■ 13.6050, 29.2817,
-11.9316

■ 207.6420, 23.3475,
24.8700


■ 7.9340, 20.2455,
-6.9581


■ 229.7590, 12.4438,


■ 3.6650, 11.5042,


22.1364


-3.2142


 246.7820, 4.0515,
7.2072


 0.0000, 0.0000,
0.0000


 42.4480, 81.1241,
-26.7029


 42.4480, 81.1241,
-26.7029

 32.4030, 86.0763,
-28.4174

 59.8800, 72.5302,
-23.5738

 77.0130, 64.0836,
-21.0594

 95.0320, 55.2002,
-18.4451

 112.4640, 46.6062,
-15.3159

 129.8960, 38.0123,
-12.1868

■ 147.0290, 29.5657,
-9.6724

■ 164.4610, 20.9717,
-6.5433

■ 182.4800, 12.0884,
-3.9290

■ 199.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



73.6190, 81.5328, -64.5639



42.4480, 81.1241, -26.7029



64.7680, 36.1034, 87.0265

Triad

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



42.4480, 81.1241, -26.7029



49.7460, -24.5248, 73.0138



61.0210, 7.8776, -53.5154

Complementary

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



42.4480, 81.1241, -26.7029



176.5520, -81.1241, 26.7029

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.



51.0690, -25.1770, -44.7875



42.4480, 81.1241, -26.7029



60.5470, -29.8497, 7.4133

Square

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



42.4480, 81.1241, -26.7029



52.9230, -26.0910, 108.8155



48.1340, -23.7301, -42.2135



72.3580, 43.7005, -63.4580

Rectangle

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



42.4480, 81.1241, -26.7029



66.0870, 8.8311, 107.7947



48.1340, -23.7301, -42.2135



57.1280, -4.5001, -50.1013

Sweetspot

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



42.4480, 81.1241, -26.7029



195.0290, 29.5657, -9.6724



146.8710, 21.7556, -118.2819



90.7770, 18.3509, -5.9434



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.



42.4480, 81.1241, -26.7029



39.6360, 106.1745, -34.7608



58.4490, 73.2356, 30.3012



95.8410, 4.5154, -1.6146



26.1960, 69.9094, -22.9739



6.4350, 17.0405, -5.6435

Inverse Universe

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



71.9010, -22.6292, 118.4818



78.2970, -29.7264, 154.9685



160.5510, -73.2356, -30.3012



97.4030, -1.1847, 6.6626



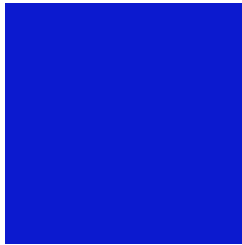
51.6000, -19.5228, 102.0828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 42.4480, 81.1241, -26.7029 looks on a white background.

Color Contrast Check

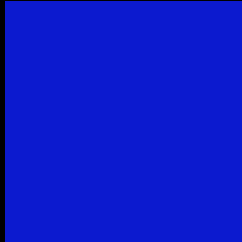
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.4480, 81.1241, -26.7029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

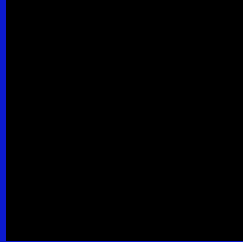
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.4480, 81.1241, -26.7029

Background



This preview shows how black text looks on a background with the YUV color 42.4480, 81.1241, -26.7029.



This preview shows how white text looks on a background with the YUV color 42.4480, 81.1241, -26.7029.

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

42.4480, 81.1241, -26.7029

Protanopia

52.1430, 39.8625, -45.7294

Deuteranopia

52.7980, 29.6796, -46.3038



Tritanopia

51.5150, 12.0711, -45.1787

Trichromacy



Original Color

42.4480, 81.1241, -26.7029

Protanomaly

48.7860, 54.8285, -39.2773

Deuteranomaly

49.0650, 48.2820, -39.5220

Tritanomaly

48.2040, 37.3674, -38.7669

Monochromacy



Original Color

42.4480, 81.1241, -26.7029

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.0290, 29.5657, -9.6724

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.4480, 81.1241, -26.7029 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(12, 26, 207)` looks like.

```
.text, #text, p{  
    color:rgb(12, 26, 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(12, 26, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 26, 207) }
```

Border

The CSS property to change the border of an element to YUV 42.4480, 81.1241, -26.7029 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(12, 26, 207) }
```


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

```
.border{ border-color:rgb(12, 26, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 26, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 26, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 26, 207);  
box-shadow:4px 4px 4px 4px rgb(12, 26,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 42.4480, 81.1241, -26.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 26, 207) }
```

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

```
.background{ background-color: rgb(12, 26,  
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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