

Converting Colors

YUV(43.4400, 90.0021,
-27.5729)

Have a look what the booklet for
YUV(43.4400, 90.0021, -27.5729)
contains.

YUV(43.4400, 90.0021, -27.5729)	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(43.4400, 90.0021,
-27.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	0C18E2
RGB	12, 24, 226
RGB Percent	5%, 9%, 89%
CMY	0.9529, 0.9059, 0.1137
CMYK	0.95, 0.89, 0.00, 0.11
HSL	237°, 90%, 47%
HSV	237°, 95%, 89%
XYZ	14.2057, 6.2224, 72.4038
YIQ	43.4400, -71.9940, 60.2780

Conversions

Conversions Part 2

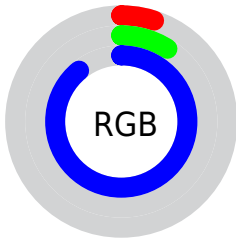
Format	Color
R_{YB}	12, 23, 226
Decimal	792802
CIE _{Lab}	29.97, 67.21, -95.31
CIE _{LCh}	30, 116.629, 305.190
Yxy	6.2224, 0.1530, 0.0670
Android (android.graphics.Color)	4278982882 (0xFF0C18E2)
YUV	43.4400, 90.0021, -27.5729
Hunter-Lab	24.9448, 58.0000, -154.6317

Details

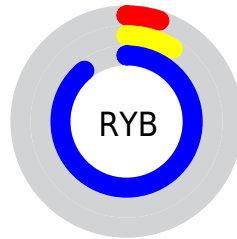
The YUV color **43.4400, 90.0021, -27.5729** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **194.5600, -90.0021, 27.5729**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9420, 72.0066, 4.4359**, and **19.2660, 73.8189, -16.8963** is the 20% darker color. If you saturate the color by 10%, you get **33.3950, 94.9543, -29.2874**, and if you desaturate by 10%, it is **62.6440, 80.5345, -24.2438**.

Distribution



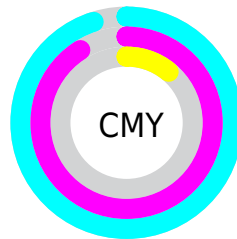
- Red (5%)
- Green (9%)
- Blue (89%)



- Red (5%)
- Yellow (9%)
- Blue (89%)



- Cyan (95%)
- Magenta (89%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (91%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4400, 90.0021, -27.5729 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 43.4400, 90.0021, -27.5729 by changing the saturation by 10% instead.

■ 43.4400, 90.0021,
-27.5729

■ 43.4400, 90.0021,
-27.5729

■ 255.0000, 0.0000,
0.0000

■ 22.4580, 86.0492,
-19.6957

■ 108.9420, 72.0066,
4.4359

■ 19.2660, 73.8189,
-16.8963

■ 134.3700, 59.4706,
11.9535

■ 16.0740, 61.5885,
-14.0969

■ 160.0860, 46.7926,
18.3416

■ 14.7570, 48.9268,
-12.9419

■ 185.5030, 34.2620,
24.1149

■ 17.7770, 35.1129,
-15.5904

■ 211.5070, 21.4420,
29.3734

■ 11.4050, 25.9293,
-10.0022


■ 231.5200, 11.5756,


■ 6.4350, 17.0405,


20.5920


-5.6435


 248.5430, 3.1833,
5.6628


 2.7530, 8.0098,
-2.4144


 0.0000, 0.0000,
0.0000

 43.4400, 90.0021,
-27.5729


 43.4400, 90.0021,
-27.5729

 33.3950, 94.9543,
-29.2874

 62.6440, 80.5345,
-24.2438

 82.1360, 70.9250,
-22.0443

 101.3400, 61.4574,
-18.7152

 120.2450, 52.1372,
-16.0009

■ 140.0360, 42.3803,
-13.1866

■ 159.2400, 32.9127,
-9.8575

■ 178.1450, 23.5925,
-7.1432

■ 197.9360, 13.8356,
-4.3289

■ 216.8410, 4.5154,
-1.6146

Harmonies

Analogous

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



78.9650, 86.7853, -69.2523



43.4400, 90.0021, -27.5729



70.8060, 38.5496, 95.7631

Triad

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



43.4400, 90.0021, -27.5729



52.7360, -25.9988, 79.1615



66.0420, 9.3463, -57.9188

Complementary

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



43.4400, 90.0021, -27.5729



194.5600, -90.0021, 27.5729

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.



55.1780, -27.2028, -48.3911



43.4400, 90.0021, -27.5729



65.2650, -32.1756, 6.7836

Square

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



43.4400, 90.0021, -27.5729



57.4080, -28.3021, 118.0372



52.2430, -25.7558, -45.8171



78.8780, 48.3741, -69.1760

Rectangle

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



43.4400, 90.0021, -27.5729



72.1530, 8.7986, 118.2608



52.2430, -25.7558, -45.8171



61.8070, -4.3419, -54.2047

Sweetspot

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



43.4400, 90.0021, -27.5729



194.4420, 29.8551, -9.1576



160.4180, 25.4299, -130.1626



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.



43.4400, 90.0021, -27.5729



37.2880, 107.3320, -32.7016



64.2030, 79.7659, 35.7790



102.8410, 4.5154, -1.6146



25.9340, 73.9825, -22.7441



7.2330, 20.0981, -6.3433

Inverse Universe

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



77.3540, -26.3035, 130.3625



77.8410, -31.4736, 155.3684



173.7970, -79.7659, -35.7790



104.4030, -1.1847, 6.6626



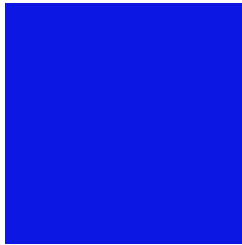
53.7640, -21.5757, 107.2010



14.6940, -5.7651, 29.2094

Previews

White Background



This preview shows how the YUV color 43.4400, 90.0021, -27.5729 looks on a white background.

Color Contrast Check

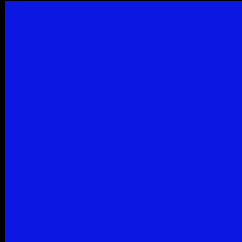
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.4400, 90.0021, -27.5729 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 43.4400, 90.0021, -27.5729

Background



This preview shows how black text looks on a background with the YUV color 43.4400, 90.0021, -27.5729.



This preview shows how white text looks on a background with the YUV color 43.4400, 90.0021,

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

43.4400, 90.0021, -27.5729

Protanopia

56.2180, 42.7835, -49.3032

Deuteranopia

56.6450, 31.7270, -49.6777



Tritanopia

55.7210, 12.9555, -48.8673

Trichromacy



Original Color

43.4400, 90.0021, -27.5729

Protanomaly

51.4420, 59.9281, -41.6066

Deuteranomaly

51.6070, 52.9447, -41.7513

Tritanomaly

51.1050, 40.8672, -41.3111

Monochromacy



Original Color

43.4400, 90.0021, -27.5729

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2400, 32.9127, -9.8575

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4400, 90.0021, -27.5729 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, 24, 226)` looks like.

```
.text, #text, p{  
    color:rgb(12, 24, 226)  
}
```

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, 24, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 24, 226) }
```

Border

The CSS property to change the border of an element to YUV 43.4400, 90.0021, -27.5729 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, 24, 226) }
```


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

```
.border{ border-color:rgb(12, 24, 226) }
```

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

Here you see how a box with a 4 pixel rgb(12, 24, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 24, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 24, 226);  
box-shadow:4px 4px 4px 4px rgb(12, 24,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 43.4400, 90.0021, -27.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 24, 226) }
```

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

```
.background{ background-color: rgb(12, 24,  
226) }
```

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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