

Converting Colors

YUV(48.5430, 86.9933,
-42.5722)

Have a look what the booklet for
YUV(48.5430, 86.9933, -42.5722)
contains.

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Color

**YUV(48.5430, 86.9933,
-42.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	0027E1
RGB	0, 39, 225
RGB Percent	0%, 15%, 88%
CMY	1.0000, 0.8471, 0.1176
CMYK	1.00, 0.83, 0.00, 0.12
HSL	230°, 100%, 44%
HSV	230°, 100%, 88%
XYZ	14.3161, 6.8873, 71.8090
YIQ	48.5430, -82.9500, 49.5780

Conversions

Conversions Part 2

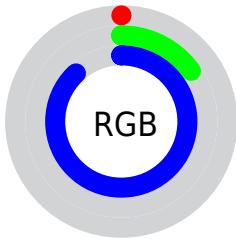
Format	Color
RYB	0, 33, 225
Decimal	10209
CIELab	31.55, 61.08, -92.11
CIELCh	32, 110.519, 303.549
Yxy	6.8873, 0.1539, 0.0740
Android (android.graphics.Color)	4278200289 (0xFF0027E1)
YUV	48.5430, 86.9933, -42.5722
Hunter-Lab	26.2436, 51.4469, -143.8614

Details

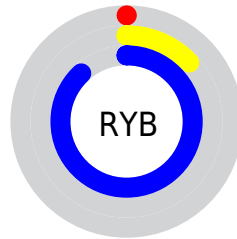
The YUV color **48.5430, 86.9933, -42.5722** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **176.4570, -86.9933, 42.5722**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5020, 69.2655, -3.0713**, and **19.1520, 73.3821, -16.7963** is the 20% darker color. If you saturate the color by 10%, you get **48.5430, 86.9933, -42.5722**, and if you desaturate by 10%, it is **66.2740, 78.2519, -38.8283**.

Distribution



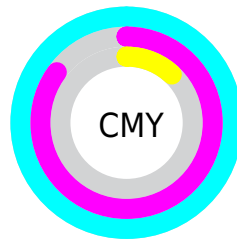
- Red (0%)
- Green (15%)
- Blue (88%)



- Red (0%)
- Yellow (13%)
- Blue (88%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (85%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.5430, 86.9933, -42.5722 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 48.5430, 86.9933, -42.5722 by changing the saturation by 10% instead.

■ 48.5430, 86.9933,
-42.5722

■ 48.5430, 86.9933,
-42.5722

■ 255.0000, 0.0000,
0.0000

■ 29.3880, 82.1397,
-25.7733

■ 114.5020, 69.2655,
-3.0713

■ 19.1520, 73.3821,
-16.7963

■ 139.9300, 56.7295,
4.4464

■ 16.0740, 61.5885,
-14.0969

■ 164.7600, 44.4883,
10.7345

■ 14.1700, 49.2162,
-12.4271

■ 190.1770, 31.9577,
16.5078

■ 17.0760, 34.9655,
-14.9757

■ 216.1810, 19.1378,
21.7663

■ 11.4050, 25.9293,
-10.0022

■ 236.8030, 8.9711,

■ 6.4350, 17.0405,

15.9588

-5.6435

253.8260, 0.5788,
1.0296

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 48.5430, 86.9933,
-42.5722

■ 66.2740, 78.2519,
-38.8283

■ 83.7170, 69.6525,
-33.9548

■ 101.7470, 60.7637,
-29.5961

■ 118.8910, 52.3117,
-25.3374

■ 136.9210, 43.4229,
-20.9787

■ 154.6520, 34.6816,
-17.2348

■ 171.7960, 26.2296,
-12.9761

■ 189.8260, 17.3408,
-8.6174

■ 207.2690, 8.7414,
-3.7439

Harmonies

Analogous

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



81.3130, 85.6277, -71.3115



48.5430, 86.9933, -42.5722



70.1800, 41.3233, 92.8041

Triad

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



48.5430, 86.9933, -42.5722



57.4650, -28.3302, 80.2762



68.1620, 7.3151, -59.7781

Complementary

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



48.5430, 86.9933, -42.5722



176.4570, -86.9933, 42.5722

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.



56.9390, -28.0709, -49.9355



48.5430, 86.9933, -42.5722



69.4290, -34.2285, 11.9018

Square

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



48.5430, 86.9933, -42.5722



58.0060, -28.5970, 119.2667



54.0040, -26.6240, -47.3615



79.9550, 44.8852, -70.1205

Rectangle

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



48.5430, 86.9933, -42.5722



72.0540, 12.2984, 115.7166



54.0040, -26.6240, -47.3615



64.0410, -5.9362, -56.1640

Sweetspot

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



48.5430, 86.9933, -42.5722



195.2950, 29.4346, -14.2907



153.0510, 15.2579, -134.2257



91.9400, 17.7776, -8.7174



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.



48.5430, 86.9933, -42.5722



54.8980, 98.6503, -48.1455



46.8790, 87.8137, 21.1541



103.4280, 4.2260, -2.1294



37.6740, 68.1947, -33.0401



10.1680, 18.6512, -8.9173

Inverse Universe

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



71.7210, -16.1315, 134.4257



81.2610, -18.3697, 152.3691



178.1210, -87.8137, -21.1541



104.5170, -0.7479, 6.5626



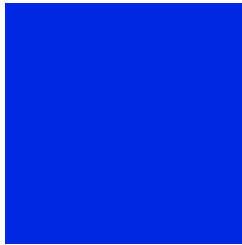
56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 48.5430, 86.9933, -42.5722 looks on a white background.

Color Contrast Check

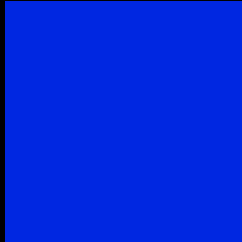
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5430, 86.9933, -42.5722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

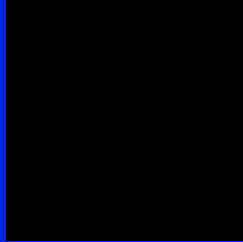
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.5430, 86.9933, -42.5722

Background



This preview shows how black text looks on a background with the YUV color 48.5430, 86.9933, -42.5722.



This preview shows how white text looks on a background with the YUV color 48.5430, 86.9933, -42.5722.

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

48.5430, 86.9933, -42.5722

Protanopia

59.3640, 44.6835, -52.0622

Deuteranopia

59.6770, 33.1902, -52.3367



Tritanopia

57.9380, 13.8346, -50.8116

Trichromacy



Original Color

48.5430, 86.9933, -42.5722

Protanomaly

55.3980, 59.9498, -48.5840

Deuteranomaly

55.5630, 52.9664, -48.7288

Tritanomaly

54.3600, 40.7415, -47.6737

Monochromacy



Original Color

48.5430, 86.9933, -42.5722

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.5660, 31.7660, -15.4054

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5430, 86.9933, -42.5722 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(0, 39, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 39, 225)  
}
```

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(0, 39, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 39, 225) }
```

Border

The CSS property to change the border of an element to YUV 48.5430, 86.9933, -42.5722 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(0, 39, 225) }
```


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

```
.border{ border-color:rgb(0, 39, 225) }
```

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

Here you see how a box with a 4 pixel rgb(0, 39, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 39, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 39, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 39, 225)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.5430, 86.9933, -42.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 39, 225) }
```

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

```
.background{ background-color: rgb(0, 39,  
225) }
```

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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