

Converting Colors

YUV(43.8900, 74.0042,
-29.7215)

Have a look what the booklet for
YUV(43.8900, 74.0042, -29.7215)
contains.

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Color

**YUV(43.8900, 74.0042,
-29.7215)**

Conversions

Conversions Part 1

Format	Color
Hex	0A20C2
RGB	10, 32, 194
RGB Percent	4%, 13%, 76%
CMY	0.9608, 0.8745, 0.2392
CMYK	0.95, 0.84, 0.00, 0.24
HSL	233°, 90%, 40%
HSV	233°, 95%, 76%
XYZ	10.3793, 4.9926, 51.4556
YIQ	43.8900, -65.1140, 45.7180

Conversions

Conversions Part 2

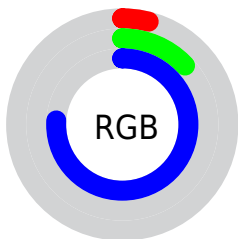
Format	Color
R_{YB}	10, 30, 194
Decimal	663746
CIE _{Lab}	26.71, 54.88, -82.14
CIE _{LCh}	27, 98.785, 303.748
Yxy	4.9926, 0.1553, 0.0747
Android (android.graphics.Color)	4278853826 (0xFF0A20C2)
YUV	43.8900, 74.0042, -29.7215
Hunter-Lab	22.3441, 43.8146, -120.8962

Details

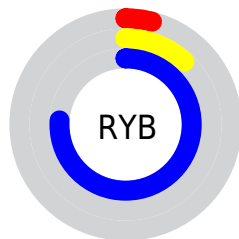
The YUV color **43.8900, 74.0042, -29.7215** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **160.1100, -74.0042, 29.7215**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3710, 71.3021, -2.9564**, and **15.8460, 60.7149, -13.8969** is the 20% darker color. If you saturate the color by 10%, you get **35.6170, 78.0828, -31.2361**, and if you desaturate by 10%, it is **59.5500, 66.2838, -26.7923**.

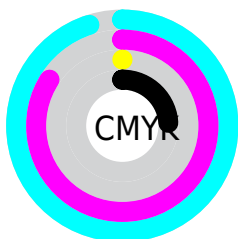
Distribution



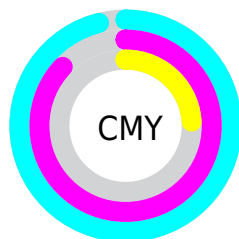
- Red (4%)
- Green (13%)
- Blue (76%)



- Red (4%)
- Yellow (12%)
- Blue (76%)



- Cyan (95%)
- Magenta (84%)
- Yellow (0%)
- Black (24%)



- Cyan (96%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.8900, 74.0042, -29.7215 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 43.8900, 74.0042, -29.7215 by changing the saturation by 10% instead.

■ 43.8900, 74.0042,
-29.7215

■ 43.8900, 74.0042,
-29.7215

■ 255.0000, 0.0000,
0.0000

■ 22.4460, 70.7721,
-19.6851

■ 107.3710, 71.3021,
-2.9564

■ 15.8460, 60.7149,
-13.8969

■ 131.9560, 60.6607,
3.5466

■ 12.7680, 48.9214,
-11.1975

■ 156.4870, 48.5669,
9.2199

■ 16.8480, 34.0919,
-14.7757

■ 181.6050, 36.1837,
14.3784

■ 10.5900, 25.3451,
-9.2874

■ 206.7230, 23.8006,
19.5369


■ 6.2070, 16.1669,
-5.4435

■ 230.9330, 11.8650,


■ 2.5250, 7.1362,


21.1068


-2.2144


 247.9560, 3.4727,
6.1776


 0.0000, 0.0000,
0.0000


 43.8900, 74.0042,
-29.7215

 43.8900, 74.0042,
-29.7215


 35.6170, 78.0828,
-31.2361

 59.5500, 66.2838,
-26.7923

 75.5090, 58.4161,
-23.2484

 91.1690, 50.6957,
-20.3192

 107.1280, 42.8279,
-16.7753

 122.7880, 35.1075,
-13.8461

■ 138.4480, 27.3871,
-10.9169

■ 154.9940, 19.2300,
-7.8877

■ 170.6540, 11.5096,
-4.9586

■ 186.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



69.9200, 74.9754, -61.3198



43.8900, 74.0042, -29.7215



60.4960, 35.2515, 80.2490

Triad

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



43.8900, 74.0042, -29.7215



49.4250, -24.3665, 68.9103



58.6900, 6.5618, -51.4711

Complementary

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



43.8900, 74.0042, -29.7215



160.1100, -74.0042, 29.7215

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.



48.7210, -24.0195, -42.7283



43.8900, 74.0042, -29.7215



59.0850, -29.1289, 9.5725

Square

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



43.8900, 74.0042, -29.7215



49.9330, -24.6170, 102.6678



46.3730, -22.8619, -40.6691



68.5280, 39.1797, -60.0991

Rectangle

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



43.8900, 74.0042, -29.7215



62.0860, 10.3106, 99.9026



46.3730, -22.8619, -40.6691



55.0250, -4.9423, -48.2569

Sweetspot

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



43.8900, 74.0042, -29.7215



194.6760, 28.2607, -11.1169



136.1340, 16.2029, -110.6195



91.9510, 17.7722, -6.9730



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.



43.8900, 74.0042, -29.7215



46.3380, 101.3914, -40.6384



51.0090, 70.4946, 22.7941



88.7270, 4.0786, -1.5146



29.5070, 64.8260, -25.8776



6.1100, 13.2568, -5.3585

Inverse Universe

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



67.5240, -17.5133, 110.9195



78.7680, -24.0426, 151.9245



152.9910, -70.4946, -22.7941



90.1040, -1.0373, 6.0478



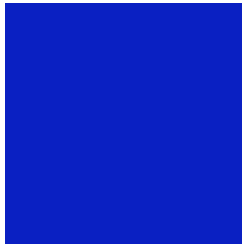
50.3050, -15.4334, 97.0795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 43.8900, 74.0042, -29.7215 looks on a white background.

Color Contrast Check

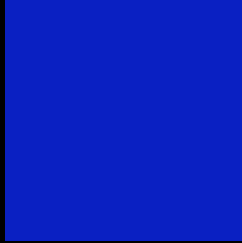
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.8900, 74.0042, -29.7215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

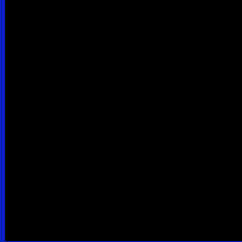
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.8900, 74.0042, -29.7215

Background



This preview shows how black text looks on a background with the YUV color 43.8900, 74.0042, -29.7215.



This preview shows how white text looks on a background with the YUV color 43.8900, 74.0042,

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

43.8900, 74.0042, -29.7215

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

51.1680, 28.5112, -44.8743



Tritanopia

50.1130, 11.7763, -43.9491

Trichromacy



Original Color

43.8900, 74.0042, -29.7215

Protanomaly

47.9880, 51.7709, -38.5775

Deuteranomaly

48.8540, 44.9350, -39.3370

Tritanomaly

48.1070, 34.4572, -38.6818

Monochromacy



Original Color

43.8900, 74.0042, -29.7215

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.3340, 26.9503, -10.8169

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.8900, 74.0042, -29.7215 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(10, 32, 194)` looks like.

```
.text, #text, p{  
    color:rgb(10, 32, 194)  
}
```

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(10, 32, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 32, 194) }
```

Border

The CSS property to change the border of an element to YUV 43.8900, 74.0042, -29.7215 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(10, 32, 194) }
```


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

```
.border{ border-color:rgb(10, 32, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 32, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 32, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 32, 194);  
box-shadow:4px 4px 4px 4px rgb(10, 32,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 43.8900, 74.0042, -29.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 32, 194) }
```

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

```
.background{ background-color: rgb(10, 32,  
194) }
```

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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