

Converting Colors

YUV(42.0690, 92.6500,
-36.8945)

Have a look what the booklet for
YUV(42.0690, 92.6500, -36.8945)
contains.

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Color

**YUV(42.0690, 92.6500,
-36.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	001BE6
RGB	0, 27, 230
RGB Percent	0%, 11%, 90%
CMY	1.0000, 0.8941, 0.0980
CMYK	1.00, 0.88, 0.00, 0.10
HSL	233°, 100%, 45%
HSV	233°, 100%, 90%
XYZ	14.6749, 6.4970, 75.3435
YIQ	42.0690, -81.2550, 57.4090

Conversions

Conversions Part 2

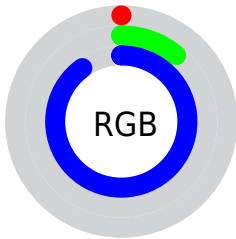
Format	Color
RYB	0, 24, 230
Decimal	7142
CIELab	30.63, 67.23, -96.50
CIELCh	31, 117.607, 304.865
Yxy	6.4970, 0.1520, 0.0673
Android (android.graphics.Color)	4278197222 (0xFF001BE6)
YUV	42.0690, 92.6500, -36.8945
Hunter-Lab	25.4893, 58.1610, -157.4122

Details

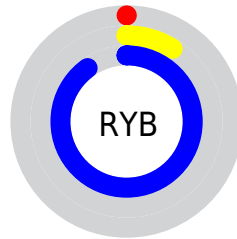
The YUV color **42.0690, 92.6500, -36.8945** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **187.9310, -92.6500, 36.8945**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8170, 71.5752, 2.7915**, and **19.7220, 75.5661, -17.2962** is the 20% darker color. If you saturate the color by 10%, you get **42.0690, 92.6500, -36.8945**, and if you desaturate by 10%, it is **60.6860, 83.4718, -33.0506**.

Distribution



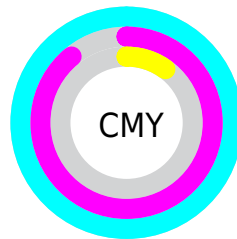
- Red (0%)
- Green (11%)
- Blue (90%)



- Red (0%)
- Yellow (9%)
- Blue (90%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (89%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0690, 92.6500, -36.8945 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 42.0690, 92.6500, -36.8945 by changing the saturation by 10% instead.

■ 42.0690, 92.6500,
-36.8945

■ 42.0690, 92.6500,
-36.8945

■ 255.0000, 0.0000,
0.0000

■ 22.9140, 87.7964,
-20.0956

■ 109.8170, 71.5752,
2.7915

■ 19.7220, 75.5661,
-17.2962

■ 135.5440, 58.8918,
10.9239

■ 16.5300, 63.3357,
-14.4968

■ 161.2600, 46.2138,
17.3120

■ 14.6260, 50.9634,
-12.8270

■ 186.6770, 33.6832,
23.0853

■ 18.7060, 36.1339,
-16.4052

■ 212.6810, 20.8633,
28.3438


■ 11.8610, 27.6765,
-10.4021


■ 232.6940, 10.9969,


■ 6.7770, 18.3509,


19.5624


-5.9434


 249.7170, 2.6045,
4.6332


 3.2090, 9.7570,
-2.8143


 0.0000, 0.0000,
0.0000

 42.0690, 92.6500,
-36.8945

 60.6860, 83.4718,
-33.0506

 79.8900, 74.0042,
-29.7215

 98.5070, 64.8260,
-25.8776

 117.1240, 55.6479,
-22.0337

■ 136.3280, 46.1803,
-18.7047

■ 154.9450, 37.0021,
-14.8608

■ 173.5620, 27.8239,
-11.0169

■ 192.1790, 18.6458,
-7.1730

■ 211.3830, 9.1782,
-3.8439

Harmonies

Analogous

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



80.1390, 86.2065, -70.2819



42.0690, 92.6500, -36.8945



71.8600, 40.0020, 96.5928

Triad

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



42.0690, 92.6500, -36.8945



53.6330, -26.4411, 81.0059



67.3300, 9.2043, -59.0484

Complementary

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



42.0690, 92.6500, -36.8945



187.9310, -92.6500, 36.8945

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.



56.3520, -27.7815, -49.4207



42.0690, 92.6500, -36.8945



66.7490, -32.9073, 8.1131

Square

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



42.0690, 92.6500, -36.8945



58.6040, -28.8918, 120.4963



53.4170, -26.3346, -46.8467



80.2800, 48.6690, -70.4056

Rectangle

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



42.0690, 92.6500, -36.8945



73.3920, 9.6667, 119.8052



53.4170, -26.3346, -46.8467



62.9810, -4.9206, -55.2343

Sweetspot

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



42.0690, 92.6500, -36.8945



192.3600, 30.8815, -11.7167



157.6960, 20.3629, -138.2994



90.1790, 18.6458, -7.1730



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.



42.0690, 92.6500, -36.8945



46.6800, 102.7018, -40.9384



51.3360, 88.0814, 28.6463



105.5420, 4.6628, -2.2293



32.7330, 72.1096, -28.7068



9.3360, 20.5404, -8.1877

Inverse Universe

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



71.8480, -22.1101, 138.6993



79.6650, -24.4848, 153.7688



178.6640, -88.0814, -28.6463



106.8160, -0.8953, 7.1774



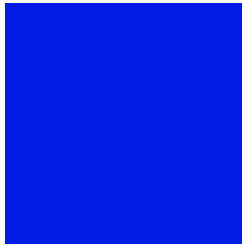
55.9150, -17.2131, 107.9455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 42.0690, 92.6500, -36.8945 looks on a white background.

Color Contrast Check

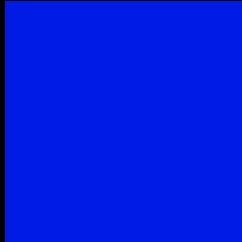
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0690, 92.6500, -36.8945 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 42.0690, 92.6500, -36.8945

Background



This preview shows how black text looks on a background with the YUV color 42.0690, 92.6500, -36.8945.



This preview shows how white text looks on a background with the YUV color 42.0690, 92.6500,

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

42.0690, 92.6500, -36.8945

Protanopia

57.7340, 43.5151, -50.6327

Deuteranopia

58.1610, 32.4586, -51.0072



Tritanopia

56.5360, 13.5398, -49.5821

Trichromacy



Original Color

42.0690, 92.6500, -36.8945

Protanomaly

51.8760, 61.6861, -45.4953

Deuteranomaly

52.6280, 54.4134, -46.1548

Tritanomaly

51.4250, 42.1885, -45.0997

Monochromacy



Original Color

42.0690, 92.6500, -36.8945

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.3320, 33.3603, -13.4462

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0690, 92.6500, -36.8945 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, 27, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 27, 230)  
}
```

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, 27, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 27, 230) }
```

Border

The CSS property to change the border of an element to YUV 42.0690, 92.6500, -36.8945 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, 27, 230) }
```


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

```
.border{ border-color:rgb(0, 27, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 27, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 27, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 27, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 27, 230)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.0690, 92.6500, -36.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 27, 230) }
```

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

```
.background{ background-color: rgb(0, 27,  
230) }
```

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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