

Converting Colors

YUV(41.8290, 76.4993,
-36.6840)

Have a look what the booklet for
YUV(41.8290, 76.4993, -36.6840)
contains.

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Color

**YUV(41.8290, 76.4993,
-36.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	0021C5
RGB	0, 33, 197
RGB Percent	0%, 13%, 77%
CMY	1.0000, 0.8706, 0.2275
CMYK	1.00, 0.83, 0.00, 0.23
HSL	230°, 100%, 39%
HSV	230°, 100%, 77%
XYZ	10.6219, 5.1189, 53.2515
YIQ	41.8290, -72.3120, 44.0080

Conversions

Conversions Part 2

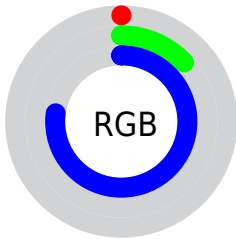
Format	Color
RYB	0, 28, 197
Decimal	8645
CIELab	27.07, 55.19, -83.31
CIELCh	27, 99.935, 303.520
Yxy	5.1189, 0.1540, 0.0742
Android (android.graphics.Color)	4278198725 (0xFF0021C5)
YUV	41.8290, 76.4993, -36.6840
Hunter-Lab	22.6251, 44.2075, -123.7106

Details

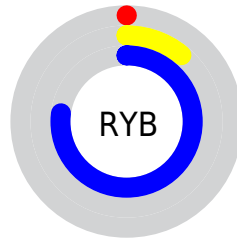
The YUV color **41.8290, 76.4993, -36.6840** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **155.1710, -76.4993, 36.6840**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.7020, 72.6179, -5.0007**, and **16.0740, 61.5885, -14.0969** is the 20% darker color. If you saturate the color by 10%, you get **41.8290, 76.4993, -36.6840**, and if you desaturate by 10%, it is **57.2010, 68.9209, -32.6253**.

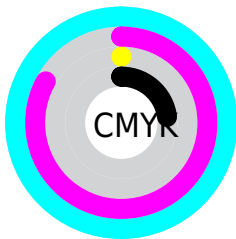
Distribution



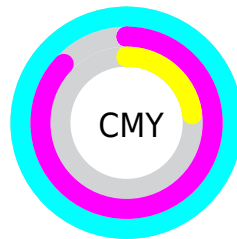
- Red (0%)
- Green (13%)
- Blue (77%)



- Red (0%)
- Yellow (11%)
- Blue (77%)



- Cyan (100%)
- Magenta (83%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (87%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8290, 76.4993, -36.6840 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 41.8290, 76.4993, -36.6840 by changing the saturation by 10% instead.

■ 41.8290, 76.4993,
-36.6840

■ 41.8290, 76.4993,
-36.6840

■ 255.0000, 0.0000,
0.0000

■ 23.3750, 71.7931,
-20.4999

■ 107.7020, 72.6179,
-5.0007

■ 16.0740, 61.5885,
-14.0969

■ 132.2440, 60.5187,
2.4170

■ 13.1100, 50.2318,
-11.4975

■ 157.0740, 48.2775,
8.7051

■ 17.7770, 35.1129,
-15.5904

■ 182.1920, 35.8943,
13.8636

■ 11.5190, 26.3661,
-10.1022

■ 207.3100, 23.5112,
19.0221

■ 6.5490, 17.4773,
-5.7435

■ 231.5200, 11.5756,


■ 2.8670, 8.4466,


20.5920


-2.5144


 248.5430, 3.1833,
5.6628


 0.0000, 0.0000,
0.0000

 41.8290, 76.4993,
-36.6840

 57.2010, 68.9209,
-32.6253

 72.8610, 61.2005,
-29.6961

 88.2330, 53.6221,
-25.6373

 104.1920, 45.7543,
-22.0934

 119.5640, 38.1759,
-18.0346

■ 134.6370, 30.7450,
-14.5906

■ 150.5960, 22.8772,
-11.0467

■ 165.9680, 15.2988,
-6.9879

■ 181.6280, 7.5784,
-4.0588

Harmonies

Analogous

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



70.8490, 75.9964, -62.1346



41.8290, 76.4993, -36.6840



61.0230, 35.9777, 80.6638

Triad

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



41.8290, 76.4993, -36.6840



49.4360, -24.3719, 70.6546



59.2770, 6.2724, -51.9859

Complementary

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



41.8290, 76.4993, -36.6840



155.1710, -76.4993, 36.6840

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.



49.3080, -24.3088, -43.2431



41.8290, 76.4993, -36.6840



59.3840, -29.2763, 10.1872

Square

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



41.8290, 76.4993, -36.6840



50.8300, -25.0592, 104.5121



46.9600, -23.1513, -41.1839



69.2290, 39.3271, -60.7138

Rectangle

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



41.8290, 76.4993, -36.6840



63.0970, 10.3052, 101.6469



46.9600, -23.1513, -41.1839



55.6120, -5.2317, -48.7717

Sweetspot

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



41.8290, 76.4993, -36.6840



194.7080, 29.7240, -13.7759



133.9930, 13.3145, -117.5119



91.3530, 18.0670, -8.2026



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.



41.8290, 76.4993, -36.6840



54.3110, 98.9397, -47.6307



40.9960, 76.9100, 18.4205



91.6130, 3.6418, -1.4146



34.4310, 63.3845, -30.1960



7.6260, 13.9884, -6.6880

Inverse Universe

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



62.6650, -14.6248, 117.8118



81.1470, -18.8065, 152.4691



156.0040, -76.9100, -18.4205



92.8050, -0.8899, 5.4330



51.8150, -12.2338, 97.5092



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 41.8290, 76.4993, -36.6840 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 41.8290, 76.4993, -36.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

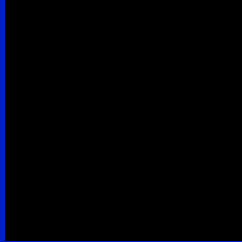
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8290, 76.4993, -36.6840

Background



This preview shows how black text looks on a background with the YUV color 41.8290, 76.4993, -36.6840.



This preview shows how white text looks on a background with the YUV color 41.8290, 76.4993,

-36.6840.

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

41.8290, 76.4993, -36.6840

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.9830, 29.0954, -45.5891



Tritanopia

50.8140, 11.9237, -44.5639

Trichromacy



Original Color

41.8290, 76.4993, -36.6840

Protanomaly

47.6070, 52.9447, -41.7513

Deuteranomaly

48.4730, 46.1088, -42.5108

Tritanomaly

47.6120, 35.1943, -41.7557

Monochromacy



Original Color

41.8290, 76.4993, -36.6840

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1380, 27.5400, -13.2760

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8290, 76.4993, -36.6840 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, 33, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 33, 197)  
}
```

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, 33, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 33, 197) }
```

Border

The CSS property to change the border of an element to YUV 41.8290, 76.4993, -36.6840 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, 33, 197) }
```


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

```
.border{ border-color:rgb(0, 33, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 33, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 33, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 33, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 33, 197)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8290, 76.4993, -36.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 33, 197) }
```

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

```
.background{ background-color: rgb(0, 33,  
197) }
```

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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