

Converting Colors

YUV(47.1980, 87.1634, -3.6816)

Have a look what the booklet for
YUV(47.1980, 87.1634, -3.6816)
contains.

YUV(47.1980, 87.1634, -3.6816)	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(47.1980, 87.1634,
-3.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0FE0
RGB	43, 15, 224
RGB Percent	17%, 6%, 88%
CMY	0.8314, 0.9412, 0.1216
CMYK	0.81, 0.93, 0.00, 0.12
HSL	248°, 87%, 47%
HSV	248°, 93%, 88%
XYZ	14.6216, 6.2371, 70.9542
YIQ	47.1980, -50.4010, 70.9350

Conversions

Conversions Part 2

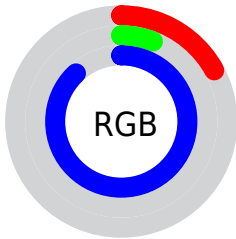
Format	Color
R _Y B	43, 15, 224
Decimal	2822112
CIE Lab	30.00, 69.62, -94.08
CIE LCh	30, 117.039, 306.503
Yxy	6.2371, 0.1593, 0.0679
Android (android.graphics.Color)	4281012192 (0xFF2B0FE0)
YUV	47.1980, 87.1634, -3.6816
Hunter-Lab	24.9741, 60.8020, -150.9677

Details

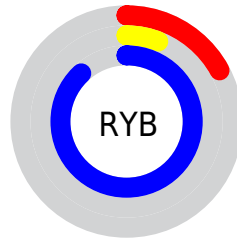
The YUV color **47.1980, 87.1634, -3.6816** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **191.8020, -87.1634, 3.6816**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.5840, 71.6901, 12.6428**, and **19.0380, 72.9453, -16.6963** is the 20% darker color. If you saturate the color by 10%, you get **34.5060, 93.4205, -3.9518**, and if you desaturate by 10%, it is **65.7930, 77.9961, -3.3265**.

Distribution



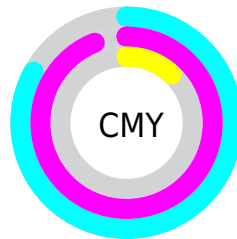
- Red (17%)
- Green (6%)
- Blue (88%)



- Red (17%)
- Yellow (6%)
- Blue (88%)



- Cyan (81%)
- Magenta (93%)
- Yellow (0%)
- Black (12%)



- Cyan (83%)
- Magenta (94%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1980, 87.1634, -3.6816 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 47.1980, 87.1634, -3.6816 by changing the saturation by 10% instead.

■ 47.1980, 87.1634,
-3.6816

■ 47.1980, 87.1634,
-3.6816

255.0000, 0.0000,
0.0000

■ 22.2300, 85.1756,
-19.4957

■ 109.5840, 71.6901,
12.6428

■ 19.0380, 72.9453,
-16.6963

■ 135.3000, 59.0121,
19.0309

■ 15.9600, 61.1517,
-13.9969

■ 160.7170, 46.4815,
24.8042

■ 13.4690, 49.0688,
-11.8123

■ 186.1340, 33.9509,
30.5775

■ 16.9620, 34.5287,
-14.8757

■ 212.1380, 21.1310,
35.8360

■ 10.7040, 25.7819,
-9.3874


■ 229.7590, 12.4438,


■ 6.3210, 16.6037,


22.1364


-5.5435


 246.7820, 4.0515,
7.2072


 2.5250, 7.1362,
-2.2144


 0.0000, 0.0000,
0.0000


 47.1980, 87.1634,
-3.6816


 47.1980, 87.1634,
-3.6816

 34.5060, 93.4205,
-3.9518

 65.7930, 77.9961,
-3.3265

 85.2740, 68.3919,
-2.8713

 103.8690, 59.2246,
-2.5161

 123.3500, 49.6205,
-2.0609

■ 141.9450, 40.4531,
-1.7058

■ 160.5400, 31.2858,
-1.3506

■ 180.0210, 21.6816,
-0.8954

■ 198.6160, 12.5143,
-0.5402

■ 218.0970, 2.9102,
-0.0851

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



47.1980, 87.1634, -3.6816



71.3610, 36.7970, 97.9074

Triad

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



47.1980, 87.1634, -3.6816



55.6600, -27.4404, 74.8432



67.1990, 11.2409, -58.9335

Complementary

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



47.1980, 87.1634, -3.6816



191.8020, -87.1634, 3.6816

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



47.1980, 87.1634, -3.6816



64.6560, -31.8754, 3.8097

Square

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



47.1980, 87.1634, -3.6816



57.1090, -28.1547, 117.4224



52.8300, -26.0452, -46.3319



79.3340, 50.1213, -69.5759

Rectangle

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



47.1980, 87.1634, -3.6816



71.9960, 6.9040, 119.2755



52.8300, -26.0452, -46.3319



62.8500, -2.8840, -55.1194

Sweetspot

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



47.1980, 87.1634, -3.6816



194.7850, 29.6860, -1.5654



145.0730, 38.9110, -114.0740



90.8100, 18.3347, -0.7104



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.



47.1980, 87.1634, -3.6816



39.2360, 106.3717, -4.5920



78.2940, 71.8331, 60.2552



102.5530, 4.6574, -0.4850



27.2400, 73.3387, -2.8415



7.2660, 20.0819, -1.1103

Inverse Universe

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



98.1250, 48.2524, 110.3924



101.4390, 58.9436, 134.6730



160.7060, -71.8331, -60.2552



105.4290, 2.7465, 5.7628



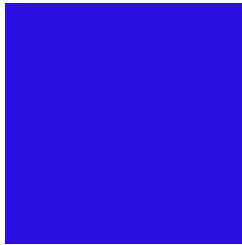
69.9520, 40.4497, 93.0041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 47.1980, 87.1634, -3.6816 looks on a white background.

Color Contrast Check

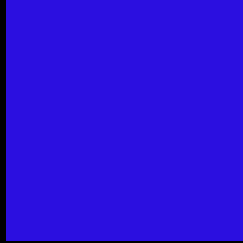
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.1980, 87.1634, -3.6816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

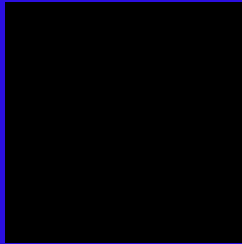
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.1980, 87.1634, -3.6816

Background



This preview shows how black text looks on a background with the YUV color 47.1980, 87.1634, -3.6816.



This preview shows how white text looks on a background with the YUV color 47.1980, 87.1634, -3.6816.

-3.6816.

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

47.1980, 87.1634, -3.6816

Protanopia

56.9190, 42.9309, -49.9180

Deuteranopia

56.7590, 32.1638, -49.7776



Tritanopia

55.8350, 13.3923, -48.9673

Trichromacy



Original Color

47.1980, 87.1634, -3.6816

Protanomaly

53.2690, 59.0274, -32.6849

Deuteranomaly

53.4340, 52.0440, -32.8296

Tritanomaly

52.9320, 39.9665, -32.3894

Monochromacy



Original Color

47.1980, 87.1634, -3.6816

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9530, 31.5752, -0.8358

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1980, 87.1634, -3.6816 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(43, 15, 224)` looks like.

```
.text, #text, p{  
    color:rgb(43, 15, 224)  
}
```

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(43, 15, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 15, 224) }
```

Border

The CSS property to change the border of an element to YUV 47.1980, 87.1634, -3.6816 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(43, 15, 224) }
```


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

```
.border{ border-color:rgb(43, 15, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 15, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 15, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 15, 224);  
box-shadow:4px 4px 4px 4px rgb(43, 15,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 47.1980, 87.1634, -3.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 15, 224) }
```

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

```
.background{ background-color: rgb(43, 15,  
224) }
```

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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