

Converting Colors

YUV(47.2680, 80.7199,
-37.0690)

Have a look what the booklet for
YUV(47.2680, 80.7199, -37.0690)
contains.

YUV(47.2680, 80.7199, -37.0690)	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(47.2680, 80.7199,
-37.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	0525D3
RGB	5, 37, 211
RGB Percent	2%, 15%, 83%
CMY	0.9804, 0.8549, 0.1725
CMYK	0.98, 0.82, 0.00, 0.17
HSL	231°, 95%, 42%
HSV	231°, 98%, 83%
XYZ	12.4820, 6.0585, 62.1396
YIQ	47.2680, -74.9260, 47.3300

Conversions

Conversions Part 2

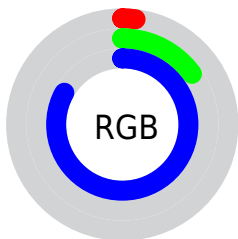
Format	Color
RYB	5, 33, 211
Decimal	337363
CIELab	29.56, 57.77, -87.34
CIElCh	30, 104.720, 303.481
Yxy	6.0585, 0.1547, 0.0751
Android (android.graphics.Color)	4278527443 (0xFF0525D3)
YUV	47.2680, 80.7199, -37.0690
Hunter-Lab	24.6141, 47.4441, -132.4506

Details

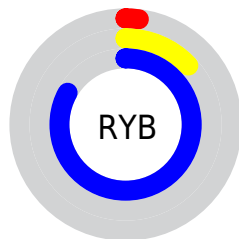
The YUV color **47.2680, 80.7199, -37.0690** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **168.7320, -80.7199, 37.0690**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5450, 70.7233, -3.9860**, and **17.6700, 67.7037, -15.4966** is the 20% darker color. If you saturate the color by 10%, you get **43.4250, 82.6145, -38.0837**, and if you desaturate by 10%, it is **64.1130, 72.4153, -33.4251**.

Distribution



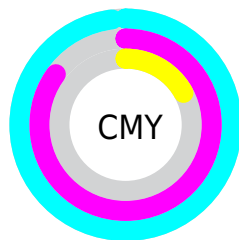
- Red (2%)
- Green (15%)
- Blue (83%)



- Red (2%)
- Yellow (13%)
- Blue (83%)



- Cyan (98%)
- Magenta (82%)
- Yellow (0%)
- Black (17%)



- Cyan (98%)
- Magenta (85%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.2680, 80.7199, -37.0690 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 47.2680, 80.7199, -37.0690 by changing the saturation by 10% instead.

■ 47.2680, 80.7199,
-37.0690

■ 47.2680, 80.7199,
-37.0690

■ 255.0000, 0.0000,
0.0000

■ 27.3190, 76.7507,
-23.9588

■ 111.5450, 70.7233,
-3.9860

■ 17.6700, 67.7037,
-15.4966

■ 136.9730, 58.1873,
3.5317

■ 14.5920, 55.9101,
-12.7972

■ 161.8030, 45.9461,
9.8198

■ 15.6230, 42.0909,
-13.7014

■ 186.9210, 33.5629,
14.9783

■ 13.9470, 30.5921,
-12.2315

■ 212.9250, 20.7430,
20.2368

■ 8.9770, 21.7033,
-7.8728

■ 235.0420, 9.8393,

■ 4.5940, 12.5252,

17.5032

-4.0289

252.0650, 1.4470,
2.5740

0.1140, 0.4368,
-0.1000

0.0000, 0.0000,
0.0000

47.2680, 80.7199,
-37.0690

47.2680, 80.7199,
-37.0690

43.4250, 82.6145,
-38.0837

64.1130, 72.4153,
-33.4251

80.9580, 64.1107,
-29.7812

97.2160, 56.0955,
-25.6224

114.0610, 47.7909,
-21.9785

■ 131.2050, 39.3389,
-17.7198

■ 148.0500, 31.0344,
-14.0758

■ 164.8950, 22.7298,
-10.4319

■ 181.7400, 14.4252,
-6.7880

■ 197.9980, 6.4100,
-2.6292

Harmonies

Analogous

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



76.0810, 80.8121, -66.7230



47.2680, 80.7199, -37.0690



65.8650, 39.0136, 86.9414

Triad

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



47.2680, 80.7199, -37.0690



54.1870, -26.7142, 75.2580



64.0700, 6.8675, -56.1894

Complementary

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



47.2680, 80.7199, -37.0690



168.7320, -80.7199, 37.0690

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.



53.4170, -26.3346, -46.8467



47.2680, 80.7199, -37.0690



64.9990, -32.0445, 11.4019

Square

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



47.2680, 80.7199, -37.0690



54.4180, -26.8281, 111.8894



50.4820, -24.8876, -44.2727



75.1790, 41.8168, -65.9320

Rectangle

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



47.2680, 80.7199, -37.0690



67.7820, 11.4465, 108.9392



50.4820, -24.8876, -44.2727



60.1770, -5.5103, -52.7752

Sweetspot

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



47.2680, 80.7199, -37.0690



196.4800, 28.8504, -13.5760



145.5300, 15.5147, -123.2448



92.2390, 17.6302, -8.1026



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.



47.2680, 80.7199, -37.0690



52.5500, 99.8078, -46.0863



49.1150, 79.8093, 21.8241



96.4280, 4.2260, -2.1294



34.4140, 65.8579, -30.1811



8.1960, 16.1724, -7.1879

Inverse Universe

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



70.2420, -16.3883, 123.4448



80.8050, -20.1169, 152.7690



166.8850, -79.8093, -21.8241



97.5170, -0.7479, 6.5626



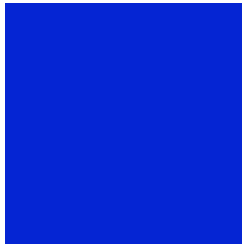
53.1960, -13.4076, 100.6831



12.9430, -3.4229, 24.6060

Previews

White Background



This preview shows how the YUV color 47.2680, 80.7199, -37.0690 looks on a white background.

Color Contrast Check

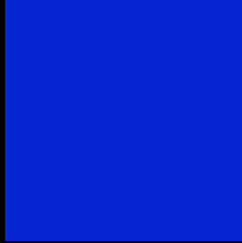
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2680, 80.7199, -37.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

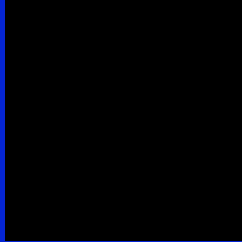
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2680, 80.7199, -37.0690

Background



This preview shows how black text looks on a background with the YUV color 47.2680, 80.7199, -37.0690.



This preview shows how white text looks on a background with the YUV color 47.2680, 80.7199, -37.0690.

-37.0690.

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

47.2680, 80.7199, -37.0690

Protanopia

55.4030, 42.1993, -48.5884

Deuteranopia

55.9440, 31.5796, -49.0629



Tritanopia

54.4330, 13.0975, -47.7377

Trichromacy



Original Color

47.2680, 80.7199, -37.0690

Protanomaly

52.3940, 56.0078, -44.1955

Deuteranomaly

52.6730, 49.4612, -44.4402

Tritanomaly

51.5840, 37.6731, -43.4852

Monochromacy



Original Color

47.2680, 80.7199, -37.0690

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0070, 29.5765, -13.1611

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2680, 80.7199, -37.0690 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(5, 37, 211)` looks like.

```
.text, #text, p{  
    color:rgb(5, 37, 211)  
}
```

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(5, 37, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 37, 211) }
```

Border

The CSS property to change the border of an element to YUV 47.2680, 80.7199, -37.0690 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(5, 37, 211) }
```


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

```
.border{ border-color:rgb(5, 37, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 37, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 37, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 37, 211);  
box-shadow:4px 4px 4px 4px rgb(5, 37, 211)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.2680, 80.7199, -37.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 37, 211) }
```

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

```
.background{ background-color: rgb(5, 37,  
211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor