

Converting Colors

YUV(47.4640, 70.2702, 1.3471)

Have a look what the booklet for
YUV(47.4640, 70.2702, 1.3471)
contains.

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Color

**YUV(47.4640, 70.2702,
1.3471)**

Conversions

Conversions Part 1

Format	Color
Hex	3113BE
RGB	49, 19, 190
RGB Percent	19%, 7%, 75%
CMY	0.8078, 0.9255, 0.2549
CMYK	0.74, 0.90, 0.00, 0.25
HSL	251°, 82%, 41%
HSV	251°, 90%, 75%
XYZ	10.7938, 4.8364, 49.0798
YIQ	47.4640, -37.0110, 59.5410

Conversions

Conversions Part 2

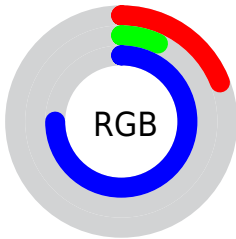
Format	Color
RYB	49, 19, 190
Decimal	3216318
CIELab	26.26, 59.96, -80.48
CIElCh	26, 100.360, 306.687
Yxy	4.8364, 0.1668, 0.0747
Android (android.graphics.Color)	4281406398 (0xFF3113BE)
YUV	47.4640, 70.2702, 1.3471
Hunter-Lab	21.9919, 49.1233, -116.9248

Details

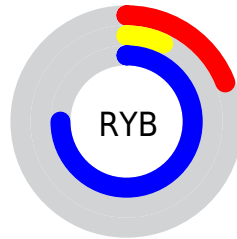
The YUV color **47.4640, 70.2702, 1.3471** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **161.5360, -70.2702, -1.3471**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.7040, 69.6589, 10.7836**, and **15.3900, 58.9677, -13.4970** is the 20% darker color. If you saturate the color by 10%, you get **31.5270, 78.1272, 1.2918**, and if you desaturate by 10%, it is **63.4010, 62.4133, 1.4023**.

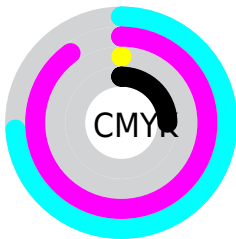
Distribution



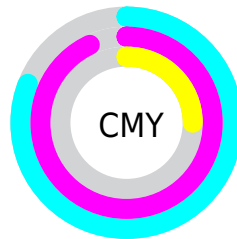
- Red (19%)
- Green (7%)
- Blue (75%)



- Red (19%)
- Yellow (7%)
- Blue (75%)



- Cyan (74%)
- Magenta (90%)
- Yellow (0%)
- Black (25%)



- Cyan (81%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4640, 70.2702, 1.3471 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 47.4640, 70.2702, 1.3471 by changing the saturation by 10% instead.

■ 47.4640, 70.2702,
1.3471

■ 47.4640, 70.2702,
1.3471

■ 255.0000, 0.0000,
0.0000

■ 18.4680, 70.7613,
-16.1964

■ 106.7040, 69.6589,
10.7836

■ 15.3900, 58.9677,
-13.4970

■ 132.0330, 60.6227,
15.7571

■ 12.4260, 47.6110,
-10.8976

■ 156.5640, 48.5289,
21.4304

■ 15.9190, 33.0709,
-13.9610

■ 181.6820, 36.1458,
26.5889

■ 10.2480, 24.0347,
-8.9875

■ 207.0880, 23.6206,
30.6178

■ 5.2780, 15.1459,
-4.6288

■ 227.4110, 13.6014,


■ 1.3680, 5.2416,


24.1956


-1.1997


 244.4340, 5.2090,
9.2664


 0.0000, 0.0000,
0.0000


 47.4640, 70.2702,
1.3471


 47.4640, 70.2702,
1.3471


 31.5270, 78.1272,
1.2918

 63.4010, 62.4133,
1.4023

 79.0390, 54.7038,
0.8428

 94.9760, 46.8468,
0.8980

 110.9130, 38.9899,
0.9533

 126.5510, 31.2804,
0.3938

■ 142.4880, 23.4234,
0.4490

■ 158.4250, 15.5665,
0.5043

■ 174.0630, 7.8569,
-0.0553

■ 190.0000, 0.0000,
0.0000

Harmonies

Analogous

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



68.1590, 75.8436, -59.7754



47.4640, 70.2702, 1.3471



61.1930, 31.4569, 84.0227

Triad

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



47.4640, 70.2702, 1.3471



51.7400, -25.5078, 61.6180



58.9010, 9.9088, -51.6562

Complementary

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



47.4640, 70.2702, 1.3471



161.5360, -70.2702, -1.3471

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



47.4640, 70.2702, 1.3471



57.2800, -28.2390, 4.1394

Square

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



47.4640, 70.2702, 1.3471



49.0360, -24.1747, 100.8234



46.3730, -22.8619, -40.6691



68.7390, 42.5267, -60.2841

Rectangle

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



47.4640, 70.2702, 1.3471



61.7720, 6.5214, 101.9320



46.3730, -22.8619, -40.6691



55.1220, -2.0321, -48.3420

Sweetspot

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



47.4640, 70.2702, 1.3471



191.8130, 27.2072, 0.1640



121.8480, 33.5989, -90.1977



91.6530, 16.4401, 0.3043



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.4640, 70.2702, 1.3471



41.0150, 101.5506, 1.7408



72.5800, 57.8881, 52.9883



86.6240, 3.6364, 0.3298



26.3840, 64.8867, 1.4172



5.0290, 12.8037, -0.0254

Inverse Universe

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



86.2030, 36.3819, 91.0300



97.1090, 52.6973, 131.4544



136.4200, -57.8881, -52.9883



88.6030, 2.1677, 4.7332



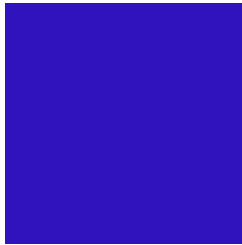
62.0620, 33.4934, 84.1376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 47.4640, 70.2702, 1.3471 looks on a white background.

Color Contrast Check

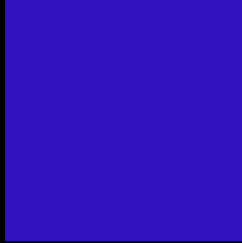
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4640, 70.2702, 1.3471 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 47.4640, 70.2702, 1.3471

Background



This preview shows how black text looks on a background with the YUV color 47.4640, 70.2702, 1.3471.



This preview shows how white text looks on a background with the YUV color 47.4640, 70.2702,

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

47.4640, 70.2702, 1.3471

Protanopia

50.2850, 37.8205, -44.0999

Deuteranopia

50.4670, 28.3638, -44.2596



Tritanopia

49.5260, 12.0657, -43.4343

Trichromacy



Original Color

47.4640, 70.2702, 1.3471

Protanomaly

49.4840, 49.5544, -27.6115

Deuteranomaly

49.2900, 43.7340, -27.4413

Tritanomaly

48.5430, 33.2563, -26.7862

Monochromacy



Original Color

47.4640, 70.2702, 1.3471

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3570, 25.4600, 0.5639

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4640, 70.2702, 1.3471 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(49, 19, 190)` looks like.

```
.text, #text, p{  
    color:rgb(49, 19, 190)  
}
```

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(49, 19, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 19, 190) }
```

Border

The CSS property to change the border of an element to YUV 47.4640, 70.2702, 1.3471 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(49, 19, 190) }
```


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

```
.border{ border-color:rgb(49, 19, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 19, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 19, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 19, 190);  
box-shadow:4px 4px 4px 4px rgb(49, 19,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 47.4640, 70.2702, 1.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 19, 190) }
```

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

```
.background{ background-color: rgb(49, 19,  
190) }
```

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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