

Converting Colors

YUV(82.1060, 46.2897, -7.1090)

Have a look what the booklet for
YUV(82.1060, 46.2897, -7.1090)
contains.

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Color

**YUV(82.1060, 46.2897,
-7.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	4A44B0
RGB	74, 68, 176
RGB Percent	29%, 27%, 69%
CMY	0.7098, 0.7333, 0.3098
CMYK	0.58, 0.61, 0.00, 0.31
HSL	243°, 44%, 48%
HSV	243°, 61%, 69%
XYZ	12.7276, 8.7247, 42.0875
YIQ	82.1060, -31.0920, 34.8600

Conversions

Conversions Part 2

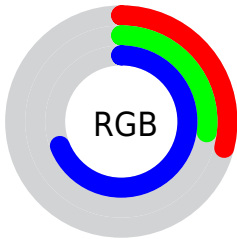
Format	Color
R _Y B	74, 68, 176
Decimal	4867248
CIE Lab	35.45, 34.04, -56.98
CIE LCh	35, 66.378, 300.853
Yxy	8.7247, 0.2003, 0.1373
Android (android.graphics.Color)	4283057328 (0xFF4A44B0)
YUV	82.1060, 46.2897, -7.1090
Hunter-Lab	29.5376, 25.2243, -63.8049

Details

The YUV color **82.1060, 46.2897, -7.1090** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **161.8940, -46.2897, 7.1090**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5950, 48.0207, -2.2758**, and **27.9960, 46.3440, -24.5525** is the 20% darker color. If you saturate the color by 10%, you get **66.4570, 54.0047, -8.2938**, and if you desaturate by 10%, it is **97.7550, 38.5748, -5.9241**.

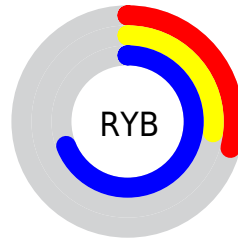
Distribution



Red (29%)

Green (27%)

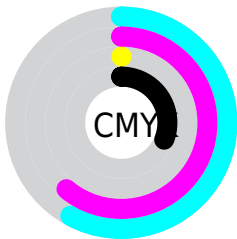
Blue (69%)



Red (29%)

Yellow (27%)

Blue (69%)

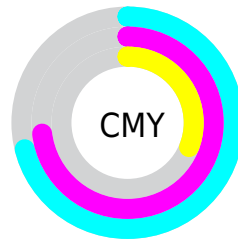


Cyan (58%)

Magenta (61%)

Yellow (0%)

Black (31%)



Cyan (71%)

Magenta (73%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1060, 46.2897, -7.1090 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 82.1060, 46.2897, -7.1090 by changing the saturation by 10% instead.

■ 82.1060, 46.2897,
-7.1090

■ 82.1060, 46.2897,
-7.1090

255.0000, 0.0000,
0.0000

■ 55.9590, 45.8692,
-12.2420

■ 134.5950, 48.0207,
-2.2758

■ 27.9960, 46.3440,
-24.5525

■ 160.2640, 46.7048,
-0.2315

■ 13.4060, 41.2118,
-11.7571

■ 184.7840, 34.6165,
3.6974

■ 8.2080, 31.4495,
-7.1984

■ 209.6030, 22.3807,
8.2412

■ 7.9340, 20.2455,
-6.9581

■ 234.7100, 10.0030,
11.6553

■ 3.6650, 11.5042,
-3.2142

253.8260, 0.5788,

■ 0.0000, 0.0000,

1.0296

0.0000

■ 82.1060, 46.2897,
-7.1090

■ 82.1060, 46.2897,
-7.1090

■ 66.4570, 54.0047,
-8.2938

■ 97.7550, 38.5748,
-5.9241

■ 51.6940, 61.2829,
-9.3786

■ 112.5180, 31.2966,
-4.8393

■ 36.0450, 68.9978,
-10.5635

■ 128.1670, 23.5817,
-3.6545

■ 23.0540, 75.4024,
-11.4484

■ 142.9300, 16.3035,
-2.5696

■ 158.5790, 8.5886,
-1.3848

■ 174.2280, 0.8736,
-0.2000

■ 188.9910, -6.4046,
0.8849

■ 204.6400,
-14.1195, 2.0697

■ 219.7020,
-21.5451, 3.7693

Harmonies

Analogous

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



74.6040, 57.3832, -65.4277



82.1060, 46.2897, -7.1090



75.8820, 29.6382, 60.6165

Triad

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



82.1060, 46.2897, -7.1090



76.5040, -37.7165, 57.4400



71.2110, 6.3050, -62.4520

Complementary

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



82.1060, 46.2897, -7.1090



161.8940, -46.2897, 7.1090

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.



62.7240, -18.5979, -55.0089



82.1060, 46.2897, -7.1090



78.3330, -38.6182, 19.8790

Square

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



82.1060, 46.2897, -7.1090



63.0870, -14.8329, 91.1317



69.5190, -34.2729, -20.6262



77.2530, 29.4553, -67.7509

Rectangle

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



82.1060, 46.2897, -7.1090



61.2620, 20.0838, 91.8552



69.5190, -34.2729, -20.6262



68.4580, -1.7048, -60.0377

Sweetspot

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



82.1060, 46.2897, -7.1090



193.3860, 18.0507, -2.9695



140.7730, 17.3669, -63.8219



93.1490, 10.7725, -1.8847



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



82.1060, 46.2897, -7.1090



82.0710, 72.9290, -11.4633



97.9530, 38.4772, 25.4742



81.3250, 3.7838, -0.2850



19.8340, 65.6508, -10.3784



3.2630, 11.2093, -1.9847

Inverse Universe

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



111.9200, 28.6334, 56.1982



129.0700, 44.8285, 88.5156



146.0470, -38.4772, -25.4742



83.7170, 2.6045, 4.6332



62.2770, 40.7824, 79.5641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 82.1060, 46.2897, -7.1090 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 82.1060, 46.2897, -7.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

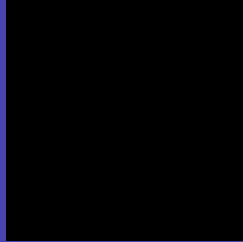
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1060, 46.2897, -7.1090

Background



This preview shows how black text looks on a background with the YUV color 82.1060, 46.2897, -7.1090.



This preview shows how white text looks on a background with the YUV color 82.1060, 46.2897, -7.1090.

-7.1090.

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

82.1060, 46.2897, -7.1090

Protanopia

66.3400, 51.1044, -58.1802

Deuteranopia

66.6530, 39.6111, -58.4547



Tritanopia

76.5600, 10.5699, -30.3091

Trichromacy



Original Color

82.1060, 46.2897, -7.1090

Protanomaly

72.2930, 49.1556, -39.7220

Deuteranomaly

72.4580, 42.1722, -39.8667

Tritanomaly

78.6440, 23.3465, -21.6128

Monochromacy



Original Color

82.1060, 46.2897, -7.1090

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0440, 16.7403, -2.6696

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1060, 46.2897, -7.1090 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(74, 68, 176)` looks like.

```
.text, #text, p{  
    color:rgb(74, 68, 176)  
}
```

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(74, 68, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 68, 176) }
```

Border

The CSS property to change the border of an element to YUV 82.1060, 46.2897, -7.1090 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(74, 68, 176) }
```


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

```
.border{ border-color:rgb(74, 68, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 68, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 68, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 68, 176);  
box-shadow:4px 4px 4px 4px rgb(74, 68,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 82.1060, 46.2897, -7.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 68, 176) }
```

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

```
.background{ background-color: rgb(74, 68,  
176) }
```

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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