

Converting Colors

YUV(42.7840, 14.4035, 0.1894)

Have a look what the booklet for
YUV(42.7840, 14.4035, 0.1894)
contains.

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Color

**YUV(42.7840, 14.4035,
0.1894)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2548
RGB	43, 37, 72
RGB Percent	17%, 15%, 28%
CMY	0.8314, 0.8549, 0.7176
CMYK	0.40, 0.49, 0.00, 0.72
HSL	250°, 32%, 21%
HSV	250°, 49%, 28%
XYZ	2.8275, 2.3046, 6.4267
YIQ	42.7840, -7.6590, 12.1570

Conversions

Conversions Part 2

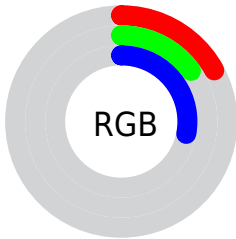
Format	Color
R_{YB}	43, 37, 72
Decimal	2827592
CIE _{Lab}	17.01, 12.64, -20.96
CIE _{LCh}	17, 24.471, 301.095
Yxy	2.3046, 0.2446, 0.1994
Android (android.graphics.Color)	4281017672 (0xFF2B2548)
YUV	42.7840, 14.4035, 0.1894
Hunter-Lab	15.1809, 6.6799, -14.4732

Details

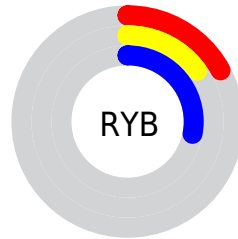
The YUV color **42.7840, 14.4035, 0.1894** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **66.2160, -14.4035, -0.1894**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.8380, 15.8559, 1.0191**, and **4.3660, 11.6516, -3.8290** is the 20% darker color. If you saturate the color by 10%, you get **36.8810, 17.3137, 0.1044**, and if you desaturate by 10%, it is **48.6870, 11.4933, 0.2745**.

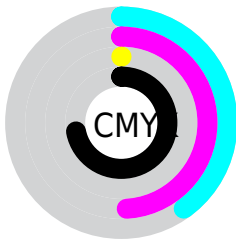
Distribution



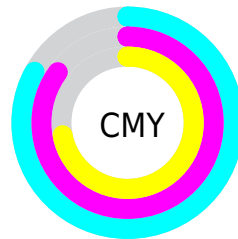
- Red (17%)
- Green (15%)
- Blue (28%)



- Red (17%)
- Yellow (15%)
- Blue (28%)



- Cyan (40%)
- Magenta (49%)
- Yellow (0%)
- Black (72%)



- Cyan (83%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7840, 14.4035, 0.1894 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 42.7840, 14.4035, 0.1894 by changing the saturation by 10% instead.

■ 42.7840, 14.4035,
0.1894

■ 42.7840, 14.4035,
0.1894

■ 255.0000, 0.0000,
0.0000

■ 21.8440, 13.3879,
-0.7402

■ 88.8380, 15.8559,
1.0191

■ 4.3660, 11.6516,
-3.8290

■ 113.3650, 16.5821,
1.4339

■ 0.0000, 0.0000,
0.0000

■ 138.7780, 16.8714,
1.9487

■ 165.3050, 17.5976,
2.3635

■ 192.4190, 18.0344,
2.2635

■ 220.1910, 17.1608,

2.4635

245.2980, 4.7831,
5.8777

42.7840, 14.4035,
0.1894

42.7840, 14.4035,
0.1894

36.8810, 17.3137,
0.1044

48.6870, 11.4933,
0.2745

30.9780, 20.2238,
0.0193

54.5900, 8.5831,
0.3596

24.4880, 23.4234,
0.4490

61.0800, 5.3836,
-0.0702

18.5850, 26.3336,
0.3640

66.9830, 2.4734,
0.0149

12.6820, 29.2438,
0.2789

72.8860, -0.4368,
0.1000

■ 11.7960, 29.6806,
0.1789

■ 78.7890, -3.3470,
0.1850

■ 84.6920, -6.2572,
0.2701

■ 91.1820, -9.4567,
-0.1596

■ 97.0850, -12.3669,
-0.0745

Harmonies

Analogous

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



34.6060, 20.9002, -30.3495



42.7840, 14.4035, 0.1894



43.4720, 7.6553, 18.0031

Triad

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



42.7840, 14.4035, 0.1894



40.7070, -15.6316, 20.4280



34.1380, 3.8760, -29.9390

Complementary

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



42.7840, 14.4035, 0.1894



66.2160, -14.4035, -0.1894

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.



33.2930, -4.5814, -23.9360



42.7840, 14.4035, 0.1894



39.3160, -19.3828, 10.2469

Square

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



42.7840, 14.4035, 0.1894



41.1130, -7.9437, 27.9649



37.7810, -14.6820, -4.1929



36.1900, 11.7383, -31.7386

Rectangle

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



42.7840, 14.4035, 0.1894



41.9630, 2.9762, 25.4654



37.7810, -14.6820, -4.1929



33.4540, 1.2552, -29.3392

Sweetspot

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



42.7840, 14.4035, 0.1894



82.4930, 5.6730, 0.4446



58.0130, 6.8956, -18.4284



41.2110, 3.3470, -0.1850



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



42.7840, 14.4035, 0.1894



48.8470, 22.2604, 0.1342



47.8670, 11.8976, 10.6406



32.7550, 1.5998, 0.2149



16.3690, 40.7371, 0.5534



37.5390, 93.4043, 1.2813

Inverse Universe

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



50.7710, 7.5079, 18.6178



61.2760, 11.6959, 28.6989



61.1330, -11.8976, -10.6406



33.5380, 0.7208, 2.1592



38.9490, 21.2241, 52.6647



89.3050, 48.6566, 120.7585

Previews

White Background



This preview shows how the YUV color 42.7840, 14.4035, 0.1894 looks on a white background.

Color Contrast Check

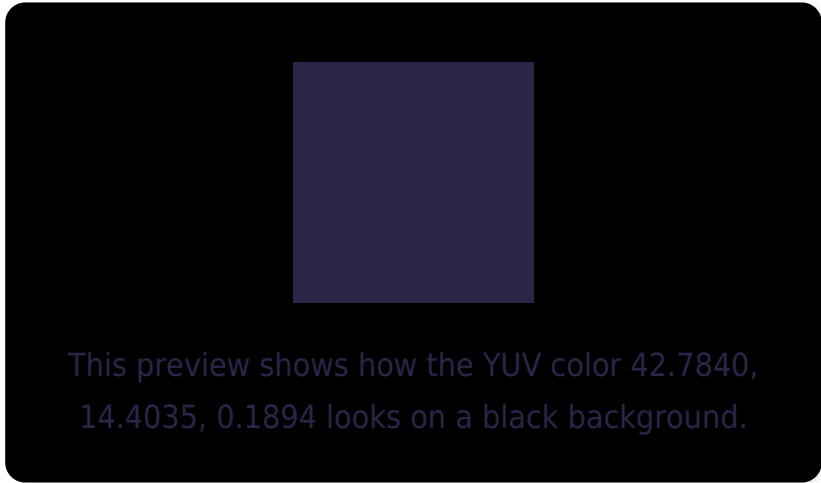
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

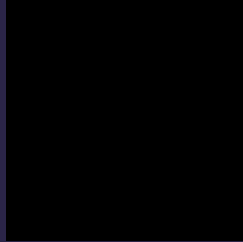
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.7840, 14.4035, 0.1894

Background



This preview shows how black text looks on a background with the YUV color 42.7840, 14.4035, 0.1894.



This preview shows how white text looks on a background with the YUV color 42.7840, 14.4035,

0.1894.

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

42.7840, 14.4035, 0.1894

Protanopia

40.2060, 17.6464, -13.3357

Deuteranopia

39.3260, 15.6153, -15.1949



Tritanopia

41.5480, 2.1948, -3.9886

Trichromacy



Original Color

42.7840, 14.4035, 0.1894

Protanomaly

41.5980, 16.4672, -8.4174

Deuteranomaly

40.5440, 15.0148, -9.2471

Tritanomaly

41.9980, 6.4100, -2.6292

Monochromacy



Original Color

42.7840, 14.4035, 0.1894

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0800, 5.3836, -0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7840, 14.4035, 0.1894 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, 37, 72)` looks like.

```
.text, #text, p{  
    color:rgb(43, 37, 72)  
}
```

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, 37, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 37, 72) }
```

Border

The CSS property to change the border of an element to YUV 42.7840, 14.4035, 0.1894 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, 37, 72) }
```


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

```
.border{ border-color:rgb(43, 37, 72) }
```

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

Here you see how a box with a 4 pixel rgb(43, 37, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 37, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 37, 72);  
box-shadow:4px 4px 4px 4px rgb(43, 37, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.7840, 14.4035, 0.1894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 37, 72) }
```

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

```
.background{ background-color: rgb(43, 37,  
72) }
```

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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