

Converting Colors

YUV(42.1870, -6.9942, 3.3440)

Have a look what the booklet for
YUV(42.1870, -6.9942, 3.3440)
contains.

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Color

**YUV(42.1870, -6.9942,
3.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2B1C
RGB	46, 43, 28
RGB Percent	18%, 17%, 11%
CMY	0.8196, 0.8314, 0.8902
CMYK	0.00, 0.07, 0.39, 0.82
HSL	50°, 24%, 15%
HSV	50°, 39%, 18%
XYZ	2.2002, 2.3924, 1.4444
YIQ	42.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

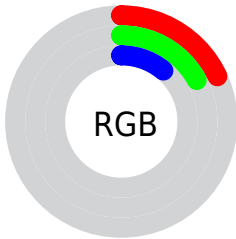
Format	Color
RYB	32, 46, 28
Decimal	3025692
CIELab	17.43, -1.57, 10.28
CIELCh	17, 10.404, 98.705
Yxy	2.3924, 0.3644, 0.3963
Android (android.graphics.Color)	4281215772 (0xFF2E2B1C)
YUV	42.1870, -6.9942, 3.3440
Hunter-Lab	15.4675, -1.6772, 5.2905

Details

The YUV color **42.1870, -6.9942, 3.3440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31.8130, 6.9942, -3.3440**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.3720, -7.5784, 4.0588**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.0300, -8.8888, 4.3587**, and if you desaturate by 10%, it is **43.3440, -5.0996, 2.3293**.

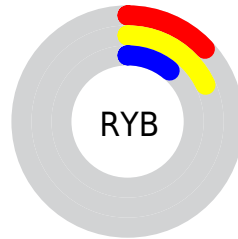
Distribution



Red (18%)

Green (17%)

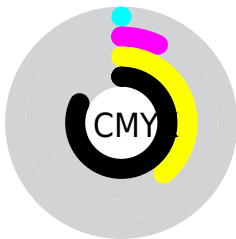
Blue (11%)



Red (13%)

Yellow (18%)

Blue (11%)

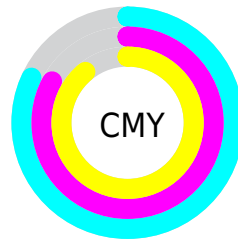


Cyan (0%)

Magenta (7%)

Yellow (39%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.1870, -6.9942, 3.3440 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 42.1870, -6.9942, 3.3440 by changing the saturation by 10% instead.

■ 42.1870, -6.9942,
3.3440

■ 42.1870, -6.9942,
3.3440

■ 255.0000, 0.0000,
0.0000

■ 21.5030, -9.6150,
3.9439

■ 87.3720, -7.5784,
4.0588

■ 0.0000, 0.0000,
0.0000

■ 112.1440, -8.4520,
4.2587

■ 137.4430, -8.5994,
4.8735

■ 163.4430, -8.5994,
4.8735

■ 190.3290, -9.0362,
4.9735

■ 218.3290, -9.0362,

4.9735

■ 247.2150, -9.4730,
5.0734

■ 42.1870, -6.9942,
3.3440

■ 42.1870, -6.9942,
3.3440

■ 41.0300, -8.8888,
4.3587

■ 43.3440, -5.0996,
2.3293

■ 39.9870, -10.3466,
5.2734

■ 44.3870, -3.6418,
1.4146

■ 39.4170, -12.5306,
5.7733

■ 44.9570, -1.4578,
0.9147

■ 38.3740, -13.9884,
6.6880

■ 46.0000, 0.0000,
0.0000

■ 37.2170, -15.8830,
7.7027

■ 47.1570, 1.8946,
-1.0147

■ 36.0600, -17.7776,
8.7174

■ 48.3140, 3.7892,
-2.0294

■ 48.7700, 5.5364,
-2.4293

■ 49.9270, 7.4310,
-3.4440

■ 50.9700, 8.8888,
-4.3587

Harmonies

Analogous

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



42.6330, -6.7211, 9.0919



42.1870, -6.9942, 3.3440



41.3110, -5.0833, -2.9037

Triad

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



42.1870, -6.9942, 3.3440



38.9100, 6.4534, -16.5841



43.9240, 2.0095, 8.8367

Complementary

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



42.1870, -6.9942, 3.3440



31.8130, 6.9942, -3.3440

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.



43.6890, 5.0833, 2.9037



42.1870, -6.9942, 3.3440



40.5730, 7.6055, -12.7805

Square

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



42.1870, -6.9942, 3.3440



39.2970, 2.8116, -15.1695



42.8020, 6.9996, -5.0884



43.7350, -1.3484, 12.5104

Rectangle

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



42.1870, -6.9942, 3.3440



40.5600, -2.7411, -7.5071



42.8020, 6.9996, -5.0884



44.2550, 3.3253, 6.7924

Sweetspot

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



42.1870, -6.9942, 3.3440



57.0280, -2.4788, 1.7294



33.7240, -1.3429, 10.7661



29.8430, -1.8946, 1.0147



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



42.1870, -6.9942, 3.3440



52.8730, -10.7834, 5.3734



42.1540, -6.9779, -1.8891



22.7720, -0.8736, 0.2000



68.2770, -33.6606, 16.4201



169.0590, -83.3461, 39.4133

Inverse Universe

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



31.8130, 6.9942, -3.3440



37.1270, 10.7834, -5.3734



31.8460, 6.9779, 1.8891



21.2280, 0.8736, -0.2000



18.1360, 33.9500, -15.9053



45.5280, 83.0567, -39.9281

Previews

White Background



This preview shows how the YUV color 42.1870, -6.9942, 3.3440 looks on a white background.

Color Contrast Check

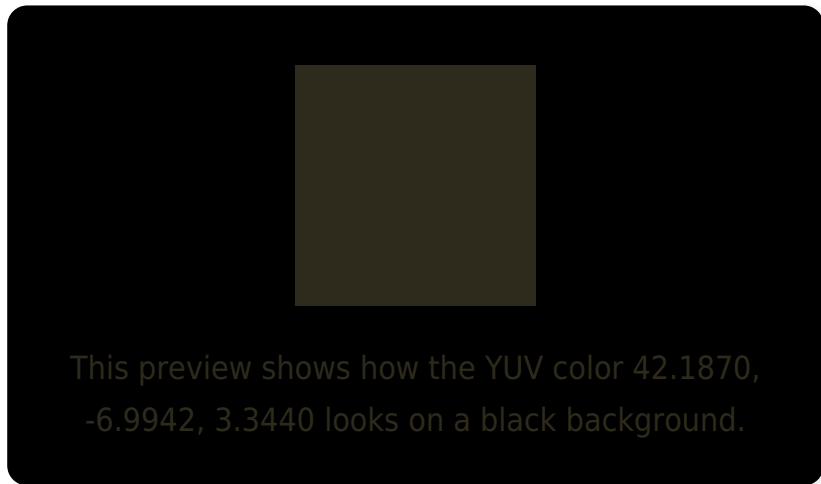
Large Text (above 18pt) WCAG AA ✓ Pass

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

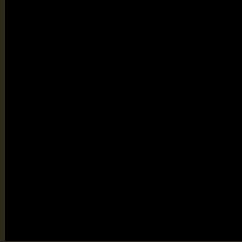
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.1870, -6.9942, 3.3440

Background



This preview shows how black text looks on a background with the YUV color 42.1870, -6.9942, 3.3440.

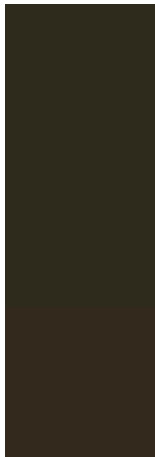


This preview shows how white text looks on a background with the YUV color 42.1870, -6.9942,

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

42.1870, -6.9942, 3.3440

Protanopia

42.4860, -7.1416, 3.9588

Deuteranopia

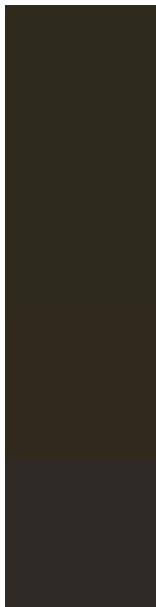
42.5080, -7.1524, 7.4475



Tritanopia

43.4350, 0.2785, 4.0035

Trichromacy



Original Color

42.1870, -6.9942, 3.3440

Protanomaly

42.4860, -7.1416, 3.9588

Deuteranomaly

42.4970, -7.1470, 5.7031

Tritanomaly

43.0390, -2.4842, 3.4738

Monochromacy



Original Color

42.1870, -6.9942, 3.3440

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.7290, -2.3314, 1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.1870, -6.9942, 3.3440 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(46, 43, 28)` looks like.

```
.text, #text, p{  
    color:rgb(46, 43, 28)  
}
```

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(46, 43, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 43, 28) }
```

Border

The CSS property to change the border of an element to YUV 42.1870, -6.9942, 3.3440 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(46, 43, 28) }
```


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

```
.border{ border-color:rgb(46, 43, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 43, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 43, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 43, 28);  
box-shadow:4px 4px 4px 4px rgb(46, 43, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.1870, -6.9942, 3.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 43, 28) }
```

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

```
.background{ background-color: rgb(46, 43,  
28) }
```

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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