

Converting Colors

YUV(46.2370, -9.4838, 8.5622)

Have a look what the booklet for
YUV(46.2370, -9.4838, 8.5622)
contains.

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Color

**YUV(46.2370, -9.4838,
8.5622)**

Conversions

Conversions Part 1

Format	Color
Hex	382D1B
RGB	56, 45, 27
RGB Percent	22%, 18%, 11%
CMY	0.7804, 0.8235, 0.8941
CMYK	0.00, 0.20, 0.52, 0.78
HSL	37°, 35%, 16%
HSV	37°, 52%, 22%
XYZ	2.7671, 2.7967, 1.4309
YIQ	46.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

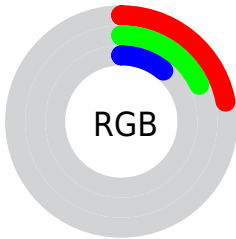
Format	Color
RYB	45, 56, 27
Decimal	3681563
CIELab	19.21, 2.05, 13.51
CIELCh	19, 13.665, 81.389
Yxy	2.7967, 0.3956, 0.3998
Android (android.graphics.Color)	4281871643 (0xFF382D1B)
YUV	46.2370, -9.4838, 8.5622
Hunter-Lab	16.7232, 0.2699, 6.6333

Details

The YUV color **46.2370, -9.4838, 8.5622** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.7630, 9.4838, -8.5622**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6070, -10.6523, 9.9917**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **44.3790, -11.5258, 10.1916**, and if you desaturate by 10%, it is **48.0950, -7.4418, 6.9327**.

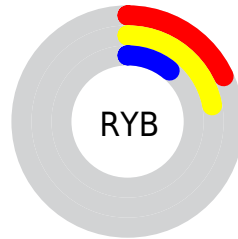
Distribution



Red (22%)

Green (18%)

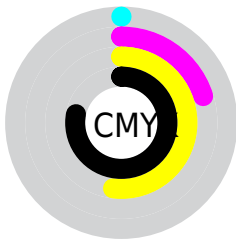
Blue (11%)



Red (18%)

Yellow (22%)

Blue (11%)

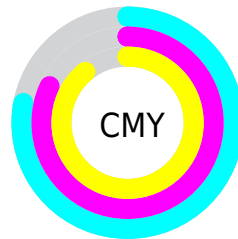


Cyan (0%)

Magenta (20%)

Yellow (52%)

Black (78%)



Cyan (78%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.2370, -9.4838, 8.5622 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 46.2370, -9.4838, 8.5622 by changing the saturation by 10% instead.

■ 46.2370, -9.4838,
8.5622

■ 46.2370, -9.4838,
8.5622

■ 255.0000, 0.0000,
0.0000

■ 24.6670, -11.6678,
9.0620

■ 92.6070, -10.6523,
9.9917

■ 0.0000, 0.0000,
0.0000

■ 116.7920,
-11.2365, 10.7064

■ 142.9770,
-11.8207, 11.4212


■ 169.2760,
-11.9681, 12.0359


■ 196.1620,
-12.4049, 12.1359


■ 224.4610,


-12.5523, 12.7507


 248.8730,
-10.7834, 5.3734


 46.2370, -9.4838,
8.5622


 46.2370, -9.4838,
8.5622


 44.3790, -11.5258,
10.1916


 48.0950, -7.4418,
6.9327


 42.6350, -13.1311,
11.7211


 49.8390, -5.8366,
5.4032


 40.7770, -15.1731,
13.3506

 51.6970, -3.7946,
3.7737

 39.0330, -16.7783,
14.8801

 53.4410, -2.1894,
2.2442

 37.2890, -18.3835,
16.4095

 55.8860, -0.4368,
0.1000

■ 57.7440, 1.6052,
-1.5295

■ 59.4880, 3.2104,
-3.0590

■ 61.3460, 5.2524,
-4.6884

■ 63.0900, 6.8576,
-6.2179

Harmonies

Analogous

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



47.0250, -7.9003, 14.0101



46.2370, -9.4838, 8.5622



45.1220, -8.4411, 0.7700

Triad

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



46.2370, -9.4838, 8.5622



40.4530, 6.1857, -24.0763



48.1240, 5.3619, 6.9073

Complementary

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



46.2370, -9.4838, 8.5622



36.7630, 9.4838, -8.5622

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.



46.9810, 8.8834, -2.6143



46.2370, -9.4838, 8.5622



41.4900, 10.1114, -23.2317

Square

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



46.2370, -9.4838, 8.5622



42.3030, 0.3436, -16.9287



44.3710, 10.6631, -13.4804



47.7290, 1.1196, 14.2697

Rectangle

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



46.2370, -9.4838, 8.5622



44.5450, -6.6777, -4.8630



44.3710, 10.6631, -13.4804



48.1560, 6.8251, 4.2482

Sweetspot

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



46.2370, -9.4838, 8.5622



69.6970, -3.7946, 3.7737



36.9250, 0.5300, 16.7288



35.4410, -2.1894, 2.2442



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



46.2370, -9.4838, 8.5622



58.7770, -15.1731, 13.3506



51.7970, -12.2249, 1.0550



27.0710, -1.0210, 0.8147



60.9670, -30.0567, 27.2159



145.3130, -71.6393, 64.6235

Inverse Universe

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



36.7630, 9.4838, -8.5622



43.2230, 15.1731, -13.3506



31.2030, 12.2249, -1.0550



25.9290, 1.0210, -0.8147



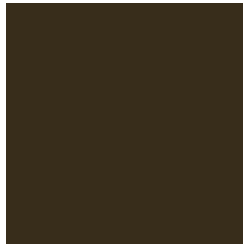
31.0330, 30.0567, -27.2159



73.6870, 71.6393, -64.6235

Previews

White Background



This preview shows how the YUV color 46.2370, -9.4838, 8.5622 looks on a white background.

Color Contrast Check

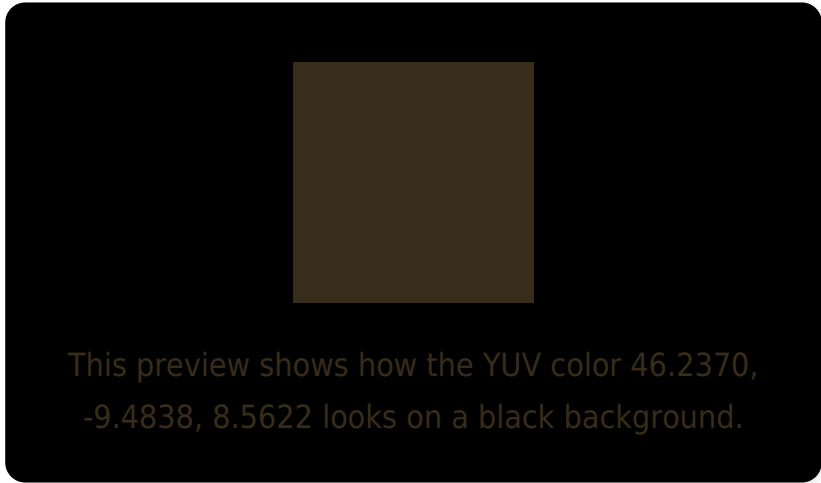
Large Text (above 18pt) WCAG AA ✓ Pass

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

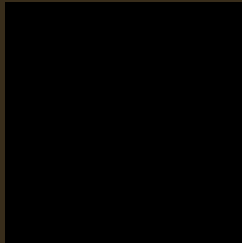
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.2370, -9.4838, 8.5622

Background



This preview shows how black text looks on a background with the YUV color 46.2370, -9.4838, 8.5622.

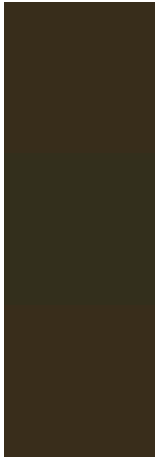


This preview shows how white text looks on a background with the YUV color 46.2370, -9.4838,

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

46.2370, -9.4838, 8.5622

Protanopia

46.0300, -8.8888, 4.3587

Deuteranopia

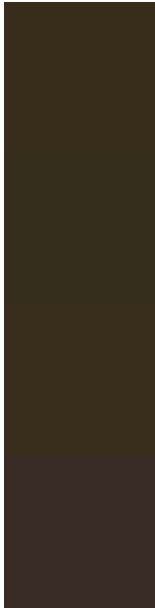
46.5360, -9.6312, 9.1769



Tritanopia

47.8270, -0.9007, 8.9217

Trichromacy



Original Color

46.2370, -9.4838, 8.5622

Protanomaly

46.0410, -8.8942, 6.1030

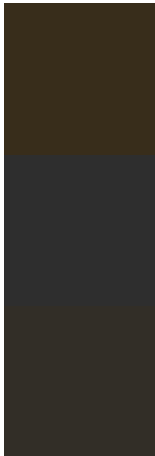
Deuteranomaly

46.5360, -9.6312, 9.1769

Tritanomaly

47.3170, -4.1003, 8.4920

Monochromacy



Original Color

46.2370, -9.4838, 8.5622

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.3980, -3.6472, 3.1590

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.2370, -9.4838, 8.5622 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(56, 45, 27)` looks like.

```
.text, #text, p{  
    color:rgb(56, 45, 27)  
}
```

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(56, 45, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 45, 27) }
```

Border

The CSS property to change the border of an element to YUV 46.2370, -9.4838, 8.5622 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(56, 45, 27) }
```


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

```
.border{ border-color:rgb(56, 45, 27) }
```

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

Here you see how a box with a 4 pixel rgb(56, 45, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 45, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 45, 27);  
box-shadow:4px 4px 4px 4px rgb(56, 45, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.2370, -9.4838, 8.5622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 45, 27) }
```

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

```
.background{ background-color: rgb(56, 45,  
27) }
```

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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