

Converting Colors

YUV(46.9960, -3.9420, 4.3885)

Have a look what the booklet for
YUV(46.9960, -3.9420, 4.3885)
contains.

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Color

**YUV(46.9960, -3.9420,
4.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	342E27
RGB	52, 46, 39
RGB Percent	20%, 18%, 15%
CMY	0.7961, 0.8196, 0.8471
CMYK	0.00, 0.12, 0.25, 0.80
HSL	32°, 14%, 18%
HSV	32°, 25%, 20%
XYZ	2.7594, 2.8305, 2.3204
YIQ	46.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

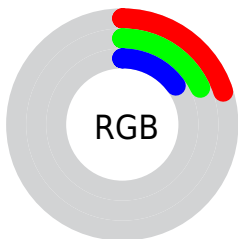
Format	Color
R_{YB}	50, 52, 39
Decimal	3419687
CIE Lab	19.35, 1.29, 5.50
CIE LCh	19, 5.652, 76.782
Yxy	2.8305, 0.3488, 0.3578
Android (android.graphics.Color)	4281609767 (0xFF342E27)
YUV	46.9960, -3.9420, 4.3885
Hunter-Lab	16.8242, -0.1661, 3.5998

Details

The YUV color **46.9960, -3.9420, 4.3885** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44.0040, 3.9420, -4.3885**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.1810, -4.5262, 5.1033**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **45.2520, -5.5472, 5.9180**, and if you desaturate by 10%, it is **48.7400, -2.3368, 2.8590**.

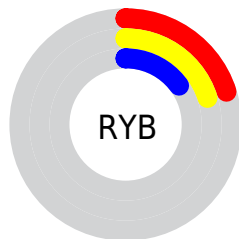
Distribution



Red (20%)

Green (18%)

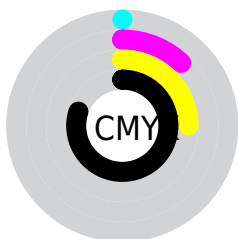
Blue (15%)



Red (20%)

Yellow (20%)

Blue (15%)

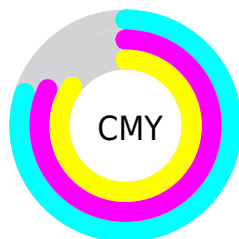


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9960, -3.9420, 4.3885 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 46.9960, -3.9420, 4.3885 by changing the saturation by 10% instead.

■ 46.9960, -3.9420,
4.3885

■ 46.9960, -3.9420,
4.3885

■ 255.0000, 0.0000,
0.0000

■ 26.1100, -3.5052,
4.2885

■ 93.1810, -4.5262,
5.1033

■ 0.0000, 0.0000,
0.0000

■ 117.4800, -4.6736,
5.7180

■ 143.0670, -4.9630,
5.2032

■ 169.3660, -5.1104,
5.8180

■ 196.6650, -5.2578,
6.4328

■ 224.6650, -5.2578,

6.4328

■ 251.8710, -4.3734,
2.7441

■ 46.9960, -3.9420,
4.3885

■ 46.9960, -3.9420,
4.3885

■ 45.2520, -5.5472,
5.9180

■ 48.7400, -2.3368,
2.8590

■ 42.9210, -6.8631,
7.9623

■ 51.0710, -1.0210,
0.8147

■ 41.0630, -8.9051,
9.5917

■ 52.9290, 1.0210,
-0.8147

■ 38.7320, -10.2209,
11.6360

■ 55.2600, 2.3368,
-2.8590

■ 36.9880, -11.8261,
13.1655

■ 57.0040, 3.9420,
-4.3885

■ 35.2440, -13.4313,
14.6950

■ 58.7480, 5.5472,
-5.9180

■ 32.9130, -14.7471,
16.7393

■ 61.0790, 6.8631,
-7.9623

■ 31.9840, -15.7681,
17.5540

■ 62.9370, 8.9051,
-9.5917

■ 65.2680, 10.2209,
-11.6360

Harmonies

Analogous

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



47.5340, -3.2213, 6.5477



46.9960, -3.9420, 4.3885



46.3870, -3.6418, 1.4146

Triad

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



46.9960, -3.9420, 4.3885



45.4120, 1.7689, -7.3773



47.4070, 2.7573, 2.2741

Complementary

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



46.9960, -3.9420, 4.3885



44.0040, 3.9420, -4.3885

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.



46.7270, 4.0786, -1.5146



46.9960, -3.9420, 4.3885



45.8680, 3.5161, -7.7772

Square

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



46.9960, -3.9420, 4.3885



45.5540, -0.2731, -5.7479



46.4060, 4.2368, -5.6181



47.5600, 0.7099, 5.6479

Rectangle

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



46.9960, -3.9420, 4.3885



46.1910, -3.0522, -1.0445



46.4060, 4.2368, -5.6181



47.6950, 2.6154, 1.1445

Sweetspot

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



46.9960, -3.9420, 4.3885



66.5550, -1.7526, 2.1443



43.5710, 0.7045, 7.3922



34.3700, -1.1684, 1.4295



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



46.9960, -3.9420, 4.3885



60.7360, -6.2788, 7.2475



50.5180, -5.6784, 1.2997



24.4840, -0.7316, 1.3295



54.7870, -27.0100, 30.0048



133.5620, -65.8461, 73.1751

Inverse Universe

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



44.0040, 3.9420, -4.3885



56.2640, 6.2788, -7.2475



40.4820, 5.6784, -1.2997



23.9290, 1.0210, -0.8147



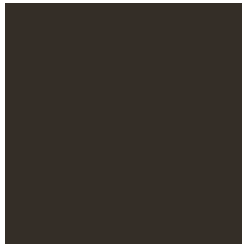
34.2130, 27.0100, -30.0048



83.4380, 65.8461, -73.1751

Previews

White Background



This preview shows how the YUV color 46.9960, -3.9420, 4.3885 looks on a white background.

Color Contrast Check

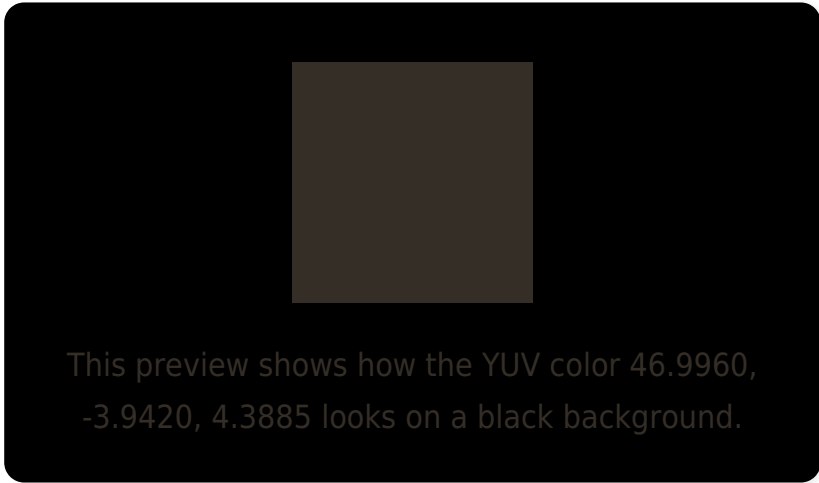
Large Text (above 18pt) WCAG AA ✓ Pass

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

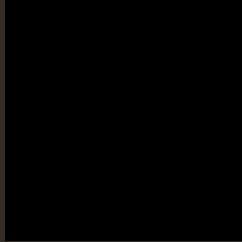
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.9960, -3.9420, 4.3885

Background



This preview shows how black text looks on a background with the YUV color 46.9960, -3.9420, 4.3885.

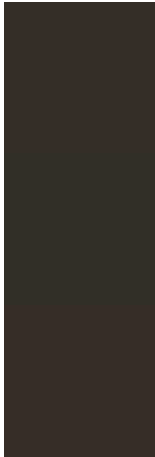


This preview shows how white text looks on a background with the YUV color 46.9960, -3.9420,

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

46.9960, -3.9420, 4.3885

Protanopia

46.6860, -3.7892, 2.0294

Deuteranopia

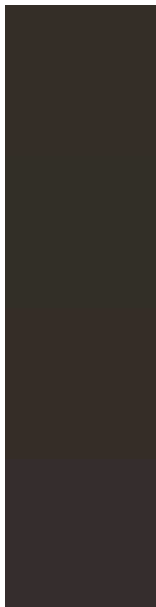
47.0070, -3.9475, 6.1329



Tritanopia

47.7340, 0.1311, 4.6183

Trichromacy



Original Color

46.9960, -3.9420, 4.3885

Protanomaly

46.9850, -3.9366, 2.6442

Deuteranomaly

46.7080, -3.8000, 5.5181

Tritanomaly

47.3920, -1.1793, 4.9182

Monochromacy



Original Color

46.9960, -3.9420, 4.3885

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.2560, -1.6052, 1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9960, -3.9420, 4.3885 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(52, 46, 39)` looks like.

```
.text, #text, p{  
    color:rgb(52, 46, 39)  
}
```

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(52, 46, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 46, 39) }
```

Border

The CSS property to change the border of an element to YUV 46.9960, -3.9420, 4.3885 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(52, 46, 39) }
```


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

```
.border{ border-color:rgb(52, 46, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 46, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 46, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 46, 39);  
box-shadow:4px 4px 4px 4px rgb(52, 46, 39)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9960, -3.9420, 4.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 46, 39) }
```

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

```
.background{ background-color: rgb(52, 46,  
39) }
```

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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