

Converting Colors

YUV(42.9410, -0.4639, 8.8217)

Have a look what the booklet for
YUV(42.9410, -0.4639, 8.8217)
contains.

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Color

**YUV(42.9410, -0.4639,
8.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	35262A
RGB	53, 38, 42
RGB Percent	21%, 15%, 16%
CMY	0.7922, 0.8510, 0.8353
CMYK	0.00, 0.28, 0.21, 0.79
HSL	344°, 16%, 18%
HSV	344°, 28%, 21%
XYZ	2.5792, 2.3103, 2.5005
YIQ	42.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

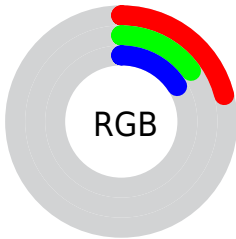
Format	Color
R_{YB}	53, 38, 42
Decimal	3483178
CIE _{Lab}	17.04, 7.85, 0.11
CIE _{LCh}	17, 7.848, 0.830
Yxy	2.3103, 0.3490, 0.3126
Android (android.graphics.Color)	4281673258 (0xFF35262A)
YUV	42.9410, -0.4639, 8.8217
Hunter-Lab	15.1996, 3.6905, 0.8860

Details

The YUV color **42.9410, -0.4639, 8.8217** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.0590, 0.4639, -8.8217**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.5390, -0.7587, 10.0513**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.5500, -0.7641, 11.7957**, and if you desaturate by 10%, it is **46.3320, -0.1637, 5.8478**.

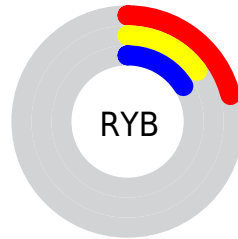
Distribution



Red (21%)

Green (15%)

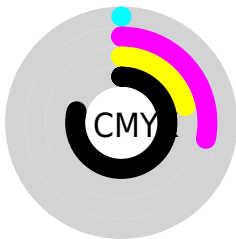
Blue (16%)



Red (21%)

Yellow (15%)

Blue (16%)

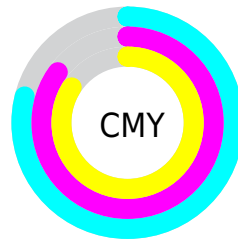


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (79%)



Cyan (79%)

Magenta (85%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.9410, -0.4639, 8.8217 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 42.9410, -0.4639, 8.8217 by changing the saturation by 10% instead.

■ 42.9410, -0.4639,
8.8217

■ 42.9410, -0.4639,
8.8217

255.0000, 0.0000,
0.0000

■ 22.6420, -0.3165,
8.2070

■ 88.5390, -0.7587,
10.0513

■ 0.0000, 0.0000,
0.0000

■ 112.9520, -0.4693,
10.5661

■ 138.2510, -0.6167,
11.1809

■ 164.5500, -0.7641,
11.7957

■ 191.5500, -0.7641,
11.7957

■ 219.5500, -0.7641,

11.7957

245.7560, 0.1203,
8.1070

42.9410, -0.4639,
8.8217

42.9410, -0.4639,
8.8217

39.5500, -0.7641,
11.7957

46.3320, -0.1637,
5.8478

35.5720, -0.7750,
15.2844

50.3100, -0.1528,
2.3591

32.1810, -1.0752,
18.2583

53.7010, 0.1474,
-0.6148

28.7900, -1.3755,
21.2322

57.0920, 0.4476,
-3.5887

24.9260, -0.9495,
24.6209

60.9560, 0.0217,
-6.9774

■ 21.5350, -1.2498,
27.5948

■ 64.3470, 0.3219,
-9.9513

■ 18.1440, -1.5500,
30.5687

■ 67.7380, 0.6222,
-12.9252

■ 17.4430, -1.6974,
31.1835

■ 71.1290, 0.9224,
-15.8991

■ 75.1070, 0.9332,
-19.3878

Harmonies

Analogous

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



43.0160, 2.4571, 5.2480



42.9410, -0.4639, 8.8217



42.2570, -3.0847, 9.4216

Triad

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



42.9410, -0.4639, 8.8217



40.8490, -4.3626, -0.7446



40.4270, 5.7055, -10.0215

Complementary

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



42.9410, -0.4639, 8.8217



48.0590, 0.4639, -8.8217

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.



39.5470, 3.6743, -11.8807



42.9410, -0.4639, 8.8217



40.6850, -2.3097, -5.8627

Square

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



42.9410, -0.4639, 8.8217



41.9420, -5.3944, 3.5589



39.5750, 1.1955, -10.1513



41.4600, 5.6892, -4.7884

Rectangle

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



42.9410, -0.4639, 8.8217



42.2030, -4.5371, 8.5920



39.5750, 1.1955, -10.1513



39.9000, 4.9793, -10.4363

Sweetspot

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



42.9410, -0.4639, 8.8217



65.0220, -0.0108, 3.4887



42.9990, 4.9305, 5.2629



33.3100, -0.1528, 2.3591



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.



42.9410, -0.4639, 8.8217



52.9740, -0.4802, 14.0548



44.8330, -3.3687, 7.1625



24.0110, -0.0054, 1.7444



29.3470, -2.6361, 52.3157



71.4950, -6.6530, 127.6079

Inverse Universe

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



42.9410, -0.4639, 8.8217



52.9740, -0.4802, 14.0548



46.7540, 3.0793, -7.6773



24.0110, -0.0054, 1.7444



29.3470, -2.6361, 52.3157



71.4950, -6.6530, 127.6079

Previews

White Background



This preview shows how the YUV color 42.9410, -0.4639, 8.8217 looks on a white background.

Color Contrast Check

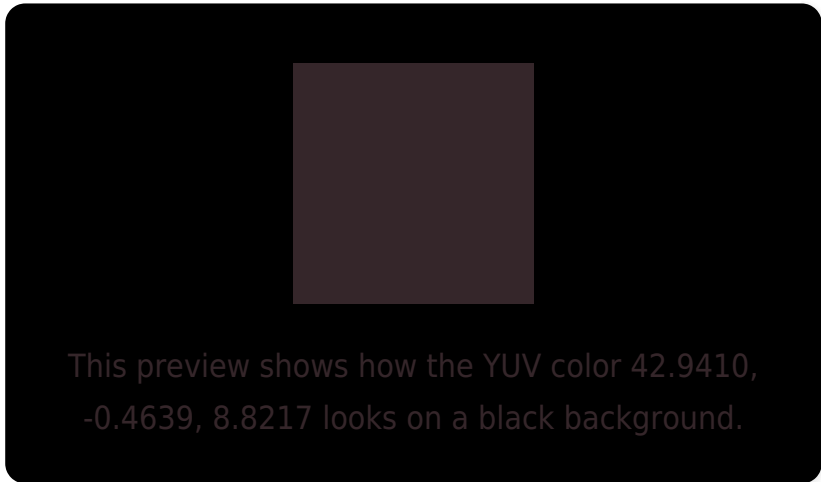
Large Text (above 18pt) WCAG AA ✓ Pass

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

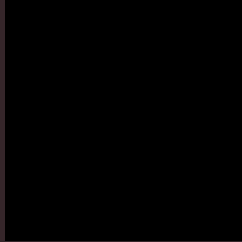
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.9410, -0.4639, 8.8217

Background



This preview shows how black text looks on a background with the YUV color 42.9410, -0.4639, 8.8217.

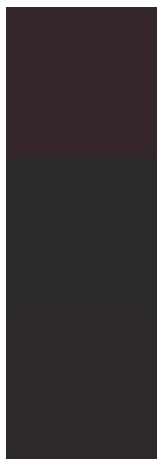


This preview shows how white text looks on a background with the YUV color 42.9410, -0.4639,

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

42.9410, -0.4639, 8.8217

Protanopia

42.2280, 0.8736, -0.2000

Deuteranopia

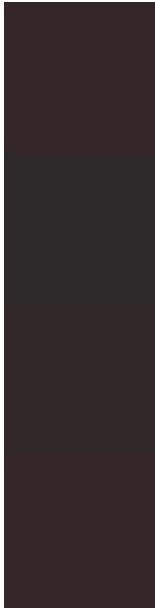
42.4950, -0.7370, 3.0739



Tritanopia

42.8270, -0.9007, 8.9217

Trichromacy



Original Color

42.9410, -0.4639, 8.8217

Protanomaly

42.7230, 0.1366, 2.8739

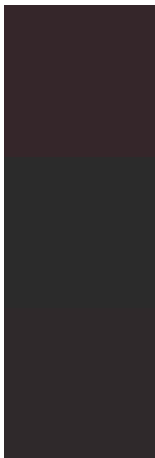
Deuteranomaly

42.8050, -0.8899, 5.4330

Tritanomaly

42.8270, -0.9007, 8.9217

Monochromacy



Original Color

42.9410, -0.4639, 8.8217

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.9410, -0.4639, 8.8217 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(53, 38, 42)` looks like.

```
.text, #text, p{  
    color:rgb(53, 38, 42)  
}
```

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(53, 38, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 38, 42) }
```

Border

The CSS property to change the border of an element to YUV 42.9410, -0.4639, 8.8217 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(53, 38, 42) }
```


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

```
.border{ border-color:rgb(53, 38, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 38, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 38, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 38, 42);  
box-shadow:4px 4px 4px 4px rgb(53, 38, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.9410, -0.4639, 8.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 38, 42) }
```

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

```
.background{ background-color: rgb(53, 38,  
42) }
```

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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