

Converting Colors

YUV(37.9410, -17.2259,
18.4687)

Have a look what the booklet for
YUV(37.9410, -17.2259, 18.4687)
contains.

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Color

**YUV(37.9410, -17.2259,
18.4687)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2203
RGB	59, 34, 3
RGB Percent	23%, 13%, 1%
CMY	0.7686, 0.8667, 0.9882
CMYK	0.00, 0.42, 0.95, 0.77
HSL	33°, 90%, 12%
HSV	33°, 95%, 23%
XYZ	2.3921, 2.0804, 0.3616
YIQ	37.9410, 24.8510, -4.3410

Conversions

Conversions Part 2

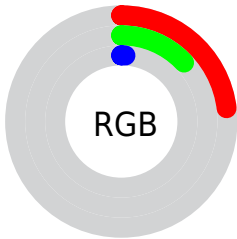
Format	Color
RYB	48, 59, 3
Decimal	3875331
CIELab	15.90, 9.01, 22.25
CIELCh	16, 24.003, 67.952
Yxy	2.0804, 0.4948, 0.4304
Android (android.graphics.Color)	4282065411 (0xFF3B2203)
YUV	37.9410, -17.2259, 18.4687
Hunter-Lab	14.4237, 4.3618, 8.6101

Details

The YUV color **37.9410, -17.2259, 18.4687** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **24.0590, 17.2259, -18.4687**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9630, -17.2368, 21.9574**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.0120, -18.2469, 19.2835**, and if you desaturate by 10%, it is **40.3860, -15.4733, 16.3245**.

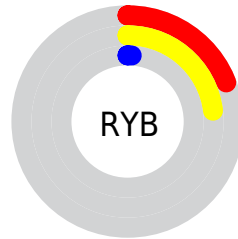
Distribution



Red (23%)

Green (13%)

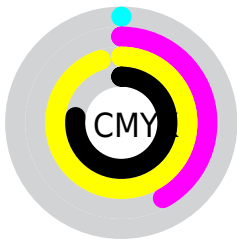
Blue (1%)



Red (19%)

Yellow (23%)

Blue (1%)

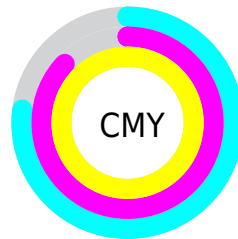


Cyan (0%)

Magenta (42%)

Yellow (95%)

Black (77%)



Cyan (77%)


Magenta (87%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.9410, -17.2259, 18.4687 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 37.9410, -17.2259, 18.4687 by changing the saturation by 10% instead.

 37.9410, -17.2259,
18.4687

 37.9410, -17.2259,
18.4687


 252.0360,
-11.3567, 2.5994


 18.0960, -8.9213,
14.8248

 83.9630, -17.2368,
21.9574

 0.0000, 0.0000,
0.0000

 108.4470,
-17.9684, 23.2870


 133.9310,
-18.7000, 24.6165


 160.4150,
-19.4316, 25.9460


 187.6000,
-20.0158, 26.6608


 215.6710,


-21.0368, 27.4755


 237.6910,
-18.0887, 15.1800


 37.9410, -17.2259,
18.4687


 37.9410, -17.2259,
18.4687


 37.0120, -18.2469,
19.2835

 40.3860, -15.4733,
16.3245

 42.2440, -13.4313,
14.6950

 44.6890, -11.6787,
12.5507

 47.1340, -9.9261,
10.4065

 48.9920, -7.8841,
8.7770

■ 51.3230, -6.5682,
6.7327

■ 53.1810, -4.5262,
5.1033

■ 55.6260, -2.7736,
2.9590

■ 58.0710, -1.0210,
0.8147

Harmonies

Analogous

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



38.3470, -9.5381, 26.0057



37.9410, -17.2259, 18.4687



36.9350, -18.2090, 7.0730

Triad

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



37.9410, -17.2259, 18.4687



33.1920, 5.3283, -29.1094



40.7630, 12.9348, 4.5928

Complementary

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



37.9410, -17.2259, 18.4687



24.0590, 17.2259, -18.4687

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.



35.3900, 18.5417, -20.5130



37.9410, -17.2259, 18.4687



34.4290, 12.6065, -30.1942

Square

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



37.9410, -17.2259, 18.4687



30.5530, -2.2446, -26.7950



34.5090, 17.9901, -30.2644



40.4400, 6.1921, 20.6621

Rectangle

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



37.9410, -17.2259, 18.4687



35.5640, -15.5611, -2.2486



34.5090, 17.9901, -30.2644



40.4740, 14.5563, -2.1697

Sweetspot

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



37.9410, -17.2259, 18.4687



68.6220, -6.7156, 7.3475



22.5940, 2.6652, 31.9281



32.9960, -3.9420, 4.3885



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.



37.9410, -17.2259, 18.4687



47.6770, -23.5048, 25.7163



51.7190, -24.0185, 3.7544



29.4840, -0.7316, 1.3295



58.6300, -28.9046, 31.0195



138.5790, -68.3194, 73.1602

Inverse Universe

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



24.0590, 17.2259, -18.4687



28.7360, 23.7942, -25.2015



10.2810, 24.0185, -3.7544



28.9290, 1.0210, -0.8147



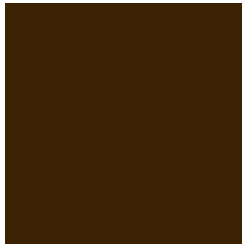
35.3700, 28.9046, -31.0195



83.4210, 68.3194, -73.1602

Previews

White Background



This preview shows how the YUV color 37.9410, -17.2259, 18.4687 looks on a white background.

Color Contrast Check

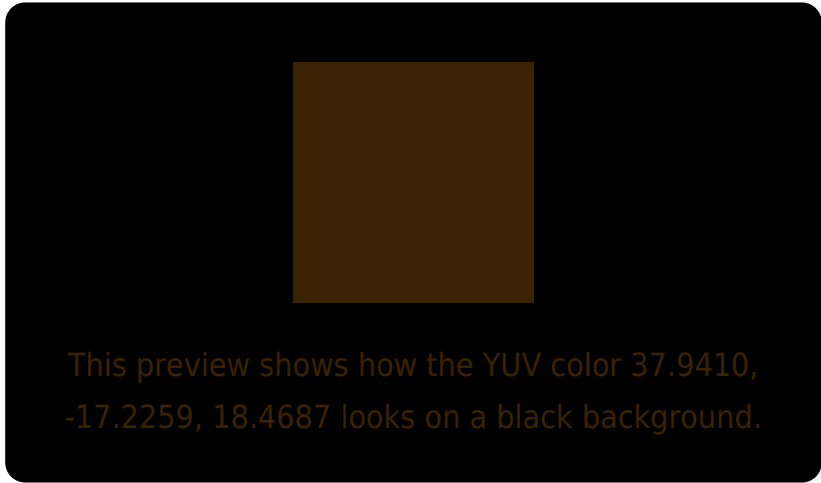
Large Text (above 18pt) WCAG AA ✓ Pass

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

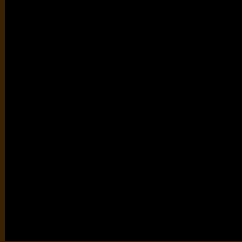
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9410, -17.2259, 18.4687

Background



This preview shows how black text looks on a background with the YUV color 37.9410, -17.2259, 18.4687.

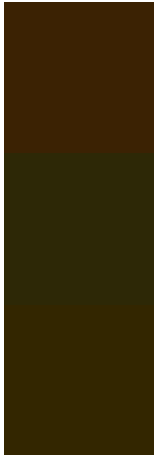


This preview shows how white text looks on a background with the YUV color 37.9410, -17.2259,

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

37.9410, -17.2259, 18.4687

Protanopia

37.6190, -15.5882, 6.4731

Deuteranopia

37.5550, -18.5146, 11.7913



Tritanopia

40.6000, -3.2538, 17.0138

Trichromacy



Original Color

37.9410, -17.2259, 18.4687

Protanomaly

37.8260, -16.1832, 10.6766

Deuteranomaly

37.9790, -18.2306, 14.0504

Tritanomaly

39.9330, -8.3480, 17.5988

Monochromacy



Original Color

37.9410, -17.2259, 18.4687

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.3230, -6.5682, 6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9410, -17.2259, 18.4687 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(59, 34, 3)` looks like.

```
.text, #text, p{  
    color:rgb(59, 34, 3)  
}
```

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(59, 34, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 34, 3) }
```

Border

The CSS property to change the border of an element to YUV 37.9410, -17.2259, 18.4687 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(59, 34, 3) }
```


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

```
.border{ border-color:rgb(59, 34, 3) }
```

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

Here you see how a box with a 4 pixel rgb(59, 34, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 34, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(59, 34, 3); box-shadow:4px  
4px 4px 4px rgb(59, 34, 3) }
```

Background

The CSS property to change the background color of an element to YUV 37.9410, -17.2259, 18.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 34, 3) }
```

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

```
.background{ background-color: rgb(59, 34,  
3) }
```

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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