

Converting Colors

YUV(38.8170, 14.3872, 5.4225)

Have a look what the booklet for
YUV(38.8170, 14.3872, 5.4225)
contains.

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Color

**YUV(38.8170, 14.3872,
5.4225)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1E44
RGB	45, 30, 68
RGB Percent	18%, 12%, 27%
CMY	0.8235, 0.8824, 0.7333
CMYK	0.34, 0.56, 0.00, 0.73
HSL	264°, 39%, 19%
HSV	264°, 56%, 27%
XYZ	2.5898, 1.9038, 5.6998
YIQ	38.8170, -3.2580, 14.9980

Conversions

Conversions Part 2

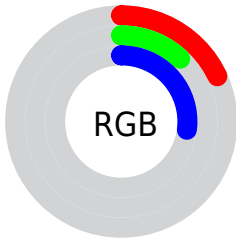
Format	Color
RYB	45, 30, 68
Decimal	2956868
CIELab	14.97, 16.95, -21.41
CIELCh	15, 27.309, 308.363
Yxy	1.9038, 0.2541, 0.1868
Android (android.graphics.Color)	4281146948 (0xFF2D1E44)
YUV	38.8170, 14.3872, 5.4225
Hunter-Lab	13.7978, 9.3584, -14.8340

Details

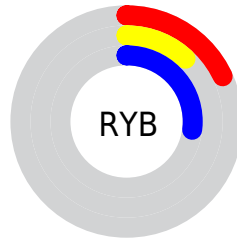
The YUV color **38.8170, 14.3872, 5.4225** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **59.1830, -14.3872, -5.4225**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.1700, 15.6922, 6.8669**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **33.5120, 17.0026, 6.5670**, and if you desaturate by 10%, it is **44.1220, 11.7719, 4.2780**.

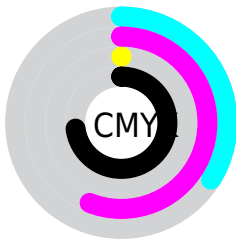
Distribution



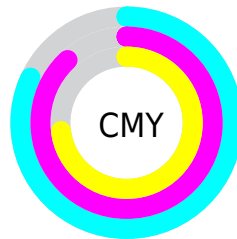
- Red (18%)
- Green (12%)
- Blue (27%)



- Red (18%)
- Yellow (12%)
- Blue (27%)



- Cyan (34%)
- Magenta (56%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.8170, 14.3872, 5.4225 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 38.8170, 14.3872, 5.4225 by changing the saturation by 10% instead.

■ 38.8170, 14.3872,
5.4225

■ 38.8170, 14.3872,
5.4225

■ 255.0000, 0.0000,
0.0000

■ 17.1160, 14.2398,
6.0373

■ 84.1700, 15.6922,
6.8669

■ 3.3230, 10.1938,
-2.9143

■ 108.6970, 16.4184,
7.2817

■ 0.0000, 0.0000,
0.0000

■ 134.2240, 17.1446,
7.6966

■ 160.6370, 17.4340,
8.2114

■ 187.7510, 17.8708,
8.1114

■ 215.5770, 18.4495,

9.1410

240.6130, 7.0928,
11.7404

38.8170, 14.3872,
5.4225

38.8170, 14.3872,
5.4225

33.5120, 17.0026,
6.5670

44.1220, 11.7719,
4.2780

28.2070, 19.6179,
7.7115

49.4270, 9.1565,
3.1335

23.4890, 21.9439,
8.3411

54.1450, 6.8305,
2.5038

18.1840, 24.5593,
9.4856

59.4500, 4.2152,
1.3594

15.8250, 25.7223,
9.8005

65.0540, 1.4524,
0.8296

■ 70.3590, -1.1630,
-0.3148

■ 75.6640, -3.7784,
-1.4593

■ 80.3820, -6.1043,
-2.0890

■ 85.6870, -8.7197,
-3.2335

Harmonies

Analogous

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



30.9700, 22.1998, -27.1607



38.8170, 14.3872, 5.4225



37.6900, 7.0548, 23.9509

Triad

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



38.8170, 14.3872, 5.4225



35.8380, -17.6681, 20.3131



32.4910, 5.1809, -28.4946

Complementary

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



38.8170, 14.3872, 5.4225



59.1830, -14.3872, -5.4225

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.



29.6240, -3.2656, -25.9802



38.8170, 14.3872, 5.4225



35.1630, -17.3354, 6.8730

Square

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



38.8170, 14.3872, 5.4225



35.7280, -10.7119, 29.1795



31.8190, -15.6868, -8.6113



33.9560, 13.3327, -29.7794

Rectangle

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



38.8170, 14.3872, 5.4225



36.3550, 1.7970, 30.3837



31.8190, -15.6868, -8.6113



31.1060, 2.4127, -27.2800

Sweetspot

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



38.8170, 14.3872, 5.4225



77.5040, 5.6675, 2.1890



47.8330, 9.9423, -15.6395



38.9230, 3.4890, 0.9445



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



38.8170, 14.3872, 5.4225



43.0160, 22.6701, 8.7560



44.4980, 11.5865, 17.1033



30.6410, 1.1630, 0.3148



22.4200, 36.7679, 13.6637



52.1470, 84.7235, 32.3201

Inverse Universe

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



43.9840, 4.4449, 21.0620



51.1580, 7.3171, 33.1874



53.5020, -11.5865, -17.1033



31.1250, 0.4314, 1.6444



35.7290, 11.4726, 53.7347



82.4800, 26.3854, 124.1130

Previews

White Background



This preview shows how the YUV color 38.8170, 14.3872, 5.4225 looks on a white background.

Color Contrast Check

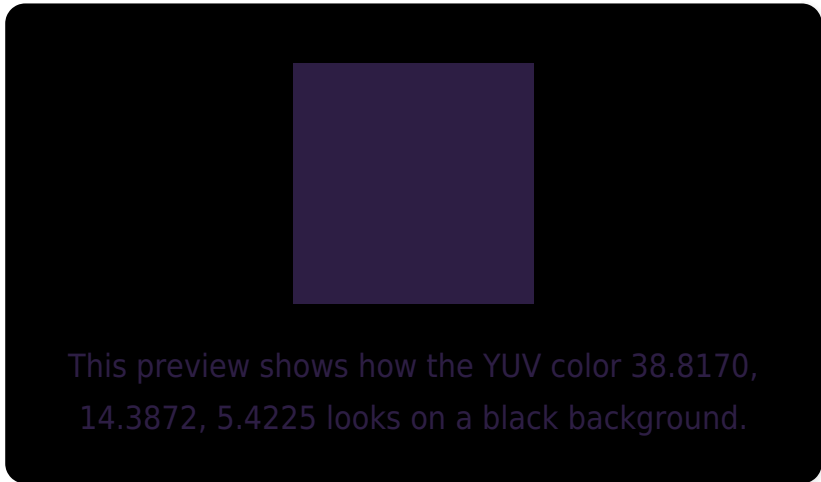
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8170, 14.3872, 5.4225

Background



This preview shows how black text looks on a background with the YUV color 38.8170, 14.3872, 5.4225.



This preview shows how white text looks on a background with the YUV color 38.8170, 14.3872,

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

38.8170, 14.3872, 5.4225

Protanopia

34.4550, 19.9887, -17.9390

Deuteranopia

34.9020, 15.3313, -17.4541



Tritanopia

37.9400, 1.0156, 0.9296

Trichromacy



Original Color

38.8170, 14.3872, 5.4225

Protanomaly

35.6410, 17.9250, -9.3322

Deuteranomaly

36.5440, 15.0148, -9.2471

Tritanomaly

37.9170, 5.9569, 2.7038

Monochromacy



Original Color

38.8170, 14.3872, 5.4225

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0910, 5.3781, 1.6742

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8170, 14.3872, 5.4225 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(45, 30, 68)` looks like.

```
.text, #text, p{  
    color:rgb(45, 30, 68)  
}
```

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(45, 30, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 30, 68) }
```

Border

The CSS property to change the border of an element to YUV 38.8170, 14.3872, 5.4225 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(45, 30, 68) }
```


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

```
.border{ border-color:rgb(45, 30, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 30, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 30, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 30, 68);  
box-shadow:4px 4px 4px 4px rgb(45, 30, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.8170, 14.3872, 5.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 30, 68) }
```

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

```
.background{ background-color: rgb(45, 30,  
68) }
```

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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