

Converting Colors

YUV(38.2870, -14.9315,
76.0473)

Have a look what the booklet for
YUV(38.2870, -14.9315, 76.0473)
contains.

YUV(38.2870, -14.9315, 76.0473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(38.2870, -14.9315,
76.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0008
RGB	125, 0, 8
RGB Percent	49%, 0%, 3%
CMY	0.5098, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.94, 0.51
HSL	356°, 100%, 25%
HSV	356°, 100%, 49%
XYZ	8.5013, 4.3775, 0.6266
YIQ	38.2870, 71.9320, 28.9880

Conversions

Conversions Part 2

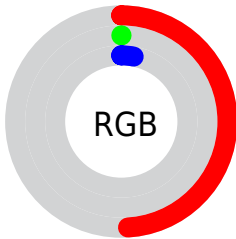
Format	Color
RYB	125, 0, 8
Decimal	8192008
CIELab	24.88, 47.39, 33.94
CIELCh	25, 58.289, 35.607
Yxy	4.3775, 0.6295, 0.3241
Android (android.graphics.Color)	4286382088 (0xFF7D0008)
YUV	38.2870, -14.9315, 76.0473
Hunter-Lab	20.9225, 35.9142, 12.8701

Details

The YUV color **38.2870, -14.9315, 76.0473** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **86.7130, 14.9315, -76.0473**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.9850, -23.6566, 74.5582**, and **20.0330, -9.8763, 41.1901** is the 20% darker color. If you saturate the color by 10%, you get **38.2870, -14.9315, 76.0473**, and if you desaturate by 10%, it is **46.6990, -13.1626, 68.6700**.

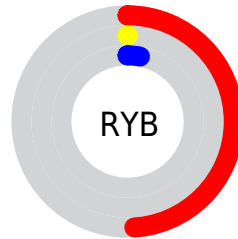
Distribution



Red (49%)

Green (0%)

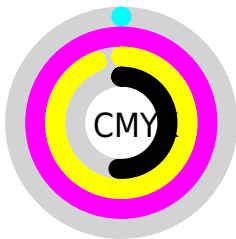
Blue (3%)



Red (49%)

Yellow (0%)

Blue (3%)

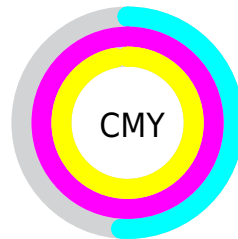


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (51%)



Cyan (51%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2870, -14.9315, 76.0473 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 38.2870, -14.9315, 76.0473 by changing the saturation by 10% instead.

■ 38.2870, -14.9315,
76.0473

■ 38.2870, -14.9315,
76.0473

■ 252.4920, -9.6096,
2.1995

■ 28.7040, -14.1511,
59.0186

■ 99.9850, -23.6566,
74.5582

■ 20.0330, -9.8763,
41.1901

■ 127.1380,
-25.7040, 77.9320

■ 11.7750, -5.3121,
23.8763

■ 155.1060,
-27.1673, 80.5910


■ 0.0000, 0.0000,
0.0000


■ 176.1970,
-25.2401, 69.1102


■ 195.5970,
-21.9863, 52.0964


■ 215.1110,


-18.2957, 34.9827


 235.2120,
-14.8945, 17.3541


 38.2870, -14.9315,
76.0473

 46.6990, -13.1626,
68.6700

 55.5840, -12.1199,
60.8778

 64.5830, -10.6404,
52.9857

 72.9950, -8.8715,
45.6084

 81.9940, -7.3920,
37.7163

■ 90.2920, -6.0600,
30.4389

■ 98.7040, -4.2911,
23.0616

■ 107.7030, -2.8116,
15.1695

■ 116.5880, -1.7689,
7.3773

Harmonies

Analogous

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



45.5100, 3.6926, 75.8517



38.2870, -14.9315, 76.0473



54.8530, -27.0425, 40.4709

Triad

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



38.2870, -14.9315, 76.0473



45.4900, -13.5526, -39.8947



53.9670, 46.8513, -47.3291

Complementary

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



38.2870, -14.9315, 76.0473



86.7130, 14.9315, -76.0473

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.



58.8110, 40.0262, -51.5772



38.2870, -14.9315, 76.0473



52.2500, 7.2718, -45.8232

Square

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



38.2870, -14.9315, 76.0473



44.6780, -22.0263, -28.6586



57.1520, 26.0541, -50.1223



58.5390, 36.2163, 3.9123

Rectangle

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



38.2870, -14.9315, 76.0473



55.9060, -27.5617, 20.2534



57.1520, 26.0541, -50.1223



56.3150, 45.6937, -49.3883

Sweetspot

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



38.2870, -14.9315, 76.0473



128.9930, -5.9125, 29.8241



49.2330, 37.3531, 59.4317



61.1980, -3.5486, 18.2434



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



38.2870, -14.9315, 76.0473



49.8770, -19.6594, 99.2089



69.0730, -34.0530, 49.0480



59.2070, -0.5951, 4.2035



39.1840, -15.3737, 77.8916



0.0000, 0.0000, 0.0000

Inverse Universe

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



38.2870, -14.9315, 76.0473



49.8770, -19.6594, 99.2089



55.9270, 34.0530, -49.0480



59.2070, -0.5951, 4.2035



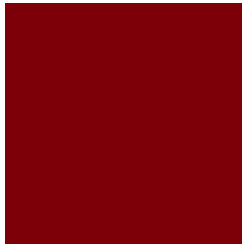
39.1840, -15.3737, 77.8916



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 38.2870, -14.9315, 76.0473 looks on a white background.

Color Contrast Check

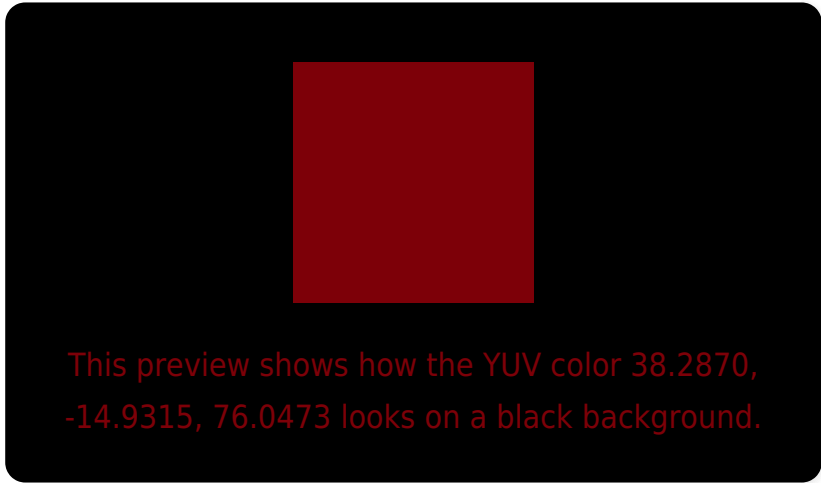
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2870, -14.9315, 76.0473

Background



This preview shows how black text looks on a background with the YUV color 38.2870, -14.9315, 76.0473.



This preview shows how white text looks on a background with the YUV color 38.2870, -14.9315,

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

38.2870, -14.9315, 76.0473

Protanopia

60.3760, -20.3984, 9.3172

Deuteranopia

59.1400, -29.1560, 18.2942

Trichromacy



Original Color

38.2870, -14.9315, 76.0473

Protanomaly

52.3990, -18.4377, 33.8531

Deuteranomaly

51.3520, -23.8375, 39.1563

Monochromacy



Original Color

38.2870, -14.9315, 76.0473

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0960, -5.4703, 27.9798

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2870, -14.9315, 76.0473 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(125, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 8)  
}
```

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(125, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 8) }
```

Border

The CSS property to change the border of an element to YUV 38.2870, -14.9315, 76.0473 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(125, 0, 8) }
```

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

```
.border{ border-color:rgb(125, 0, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 0, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 0, 8); box-shadow:4px  
4px 4px 4px rgb(125, 0, 8) }
```


Background

The CSS property to change the background color of an element to YUV 38.2870, -14.9315, 76.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 8) }
```

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

```
.background{ background-color: rgb(125, 0,  
8) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor