

Converting Colors

YUV(31.1910, 7.3008, 38.4205)

Have a look what the booklet for
YUV(31.1910, 7.3008, 38.4205)
contains.

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Color

**YUV(31.1910, 7.3008,
38.4205)**

Conversions

Conversions Part 1

Format	Color
Hex	4B062E
RGB	75, 6, 46
RGB Percent	29%, 2%, 18%
CMY	0.7059, 0.9765, 0.8196
CMYK	0.00, 0.92, 0.39, 0.71
HSL	325°, 85%, 16%
HSV	325°, 92%, 29%
XYZ	3.4599, 1.8234, 2.7544
YIQ	31.1910, 28.2840, 27.0680

Conversions

Conversions Part 2

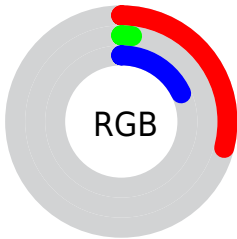
Format	Color
RYB	75, 6, 46
Decimal	4916782
CIELab	14.53, 34.11, -6.07
CIElCh	15, 34.643, 349.909
Yxy	1.8234, 0.4305, 0.2269
Android (android.graphics.Color)	4283106862 (0xFF4B062E)
YUV	31.1910, 7.3008, 38.4205
Hunter-Lab	13.5032, 22.1064, -2.6416




Details

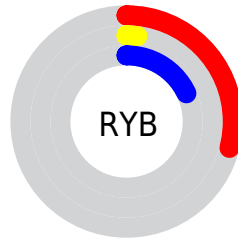
The YUV color **31.1910, 7.3008, 38.4205** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **49.8090, -7.3008, -38.4205**, and the grayscale version is **31.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **82.5070, 4.6800, 39.0204**, and **6.8770, -3.3904, 14.1399** is the 20% darker color. If you saturate the color by 10%, you get **27.3270, 7.7268, 41.8092**, and if you desaturate by 10%, it is **35.6420, 6.5855, 34.5170**.

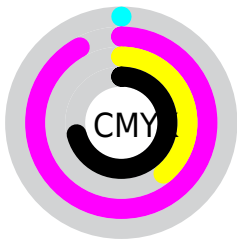
Distribution







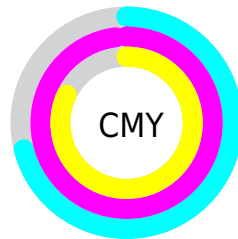
-  Red (29%)
-  Green (2%)
-  Blue (18%)






-  Red (29%)
-  Yellow (2%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (92%)
-  Yellow (39%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (98%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.1910, 7.3008, 38.4205 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 31.1910, 7.3008, 38.4205 by changing the saturation by 10% instead.

31.1910, 7.3008,
38.4205

31.1910, 7.3008,
38.4205

249.1300, 2.8939,
5.1480

18.0990, 3.4022,
28.8542

82.5070, 4.6800,
39.0204

6.8770, -3.3904,
14.1399

107.4040, 4.2378,
40.8647

0.0000, 0.0000,
0.0000


134.0020, 3.9430,
42.0942


160.6000, 3.6482,
43.3238


187.6110, 3.6428,
45.0682


212.0230, 5.4117,


37.6908

 231.7650, 9.9759,
20.3771


 31.1910, 7.3008,
38.4205


 31.1910, 7.3008,
38.4205

 27.3270, 7.7268,
41.8092

 35.6420, 6.5855,
34.5170

 40.6800, 5.5808,
30.0986

 45.1310, 4.8654,
26.1951

 50.2830, 4.2975,
21.6768

 54.7340, 3.5821,
17.7733

■ 59.7720, 2.5774,
13.3550

■ 64.2230, 1.8621,
9.4514

■ 69.2610, 0.8573,
5.0331

■ 74.2990, -0.1474,
0.6148

Harmonies

Analogous

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



37.1220, 15.2229, 17.4330



31.1910, 7.3008, 38.4205



29.9390, -3.9139, 42.1495

Triad

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



31.1910, 7.3008, 38.4205



33.0480, -16.2927, -0.9191



35.4380, 19.0111, -31.0791

Complementary

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



31.1910, 7.3008, 38.4205



49.8090, -7.3008, -38.4205

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.



33.6310, 9.5489, -29.4944



31.1910, 7.3008, 38.4205



26.4150, -13.0226, -23.1660

Square

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



31.1910, 7.3008, 38.4205



35.5170, -17.5099, 16.2096



30.6670, -1.8078, -26.8950



34.3440, 24.9734, -30.1197

Rectangle

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



31.1910, 7.3008, 38.4205



31.5180, -15.5384, 37.2567



30.6670, -1.8078, -26.8950



35.3410, 16.1009, -30.9941

Sweetspot

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



31.1910, 7.3008, 38.4205



79.7830, 2.5720, 15.0993



22.5370, 25.8643, 10.9301



37.9240, 2.0095, 8.8367



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



31.1910, 7.3008, 38.4205



35.3870, 10.1622, 54.0346



27.3150, -7.5503, 41.8197



35.5380, 0.7208, 2.1592



37.2240, 10.7356, 56.8086



83.9320, 24.1905, 128.1016

Inverse Universe

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



31.1910, 7.3008, 38.4205



35.3870, 10.1622, 54.0346



53.6850, 7.5503, -41.8197



35.5380, 0.7208, 2.1592



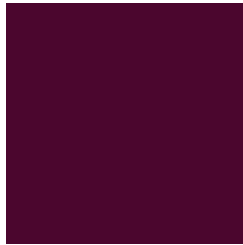
37.2240, 10.7356, 56.8086



83.9320, 24.1905, 128.1016

Previews

White Background



This preview shows how the YUV color 31.1910, 7.3008, 38.4205 looks on a white background.

Color Contrast Check

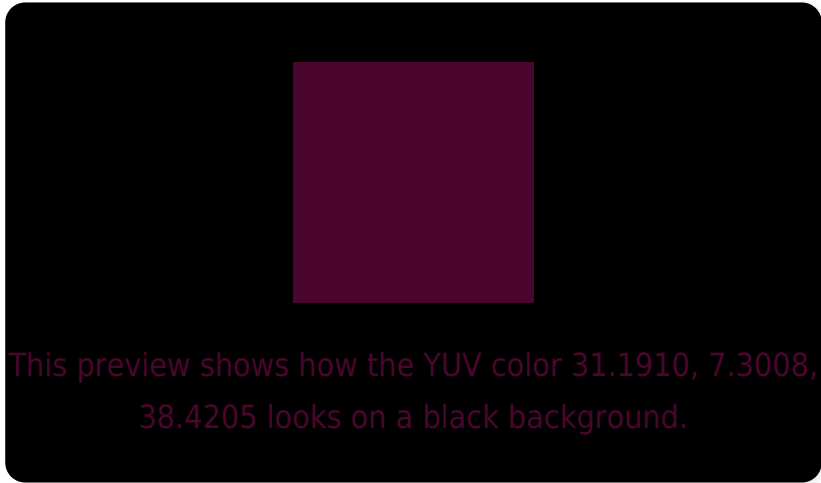
Large Text (above 18pt) WCAG AA ✓ Pass

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

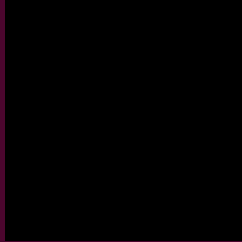
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.1910, 7.3008, 38.4205

Background



This preview shows how black text looks on a background with the YUV color 31.1910, 7.3008, 38.4205.



This preview shows how white text looks on a background with the YUV color 31.1910, 7.3008,

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

31.1910, 7.3008, 38.4205

Protanopia

38.9740, 12.8308, -8.7472

Deuteranopia

40.3530, 1.3050, 1.4444



Tritanopia

35.1460, -7.9600, 33.1980

Trichromacy



Original Color

31.1910, 7.3008, 38.4205

Protanomaly

36.2150, 10.7400, 8.5814

Deuteranomaly

37.0110, 3.4456, 14.8994

Tritanomaly

33.6500, -2.2924, 35.3869

Monochromacy



Original Color

31.1910, 7.3008, 38.4205

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.0710, 2.4300, 13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.1910, 7.3008, 38.4205 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(75, 6, 46)` looks like.

```
.text, #text, p{  
    color:rgb(75, 6, 46)  
}
```

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(75, 6, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 6, 46) }
```

Border

The CSS property to change the border of an element to YUV 31.1910, 7.3008, 38.4205 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(75, 6, 46) }
```


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

```
.border{ border-color:rgb(75, 6, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 6, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 6, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 6, 46); box-shadow:4px  
4px 4px 4px rgb(75, 6, 46) }
```

Background

The CSS property to change the background color of an element to YUV 31.1910, 7.3008, 38.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 6, 46) }
```

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

```
.background{ background-color: rgb(75, 6,  
46) }
```

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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