

Converting Colors

YUV(38.2250, -14.4079,
48.0377)

Have a look what the booklet for
YUV(38.2250, -14.4079, 48.0377)
contains.

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Color

**YUV(38.2250, -14.4079,
48.0377)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1009
RGB	93, 16, 9
RGB Percent	36%, 6%, 4%
CMY	0.6353, 0.9373, 0.9647
CMYK	0.00, 0.83, 0.90, 0.64
HSL	5°, 82%, 20%
HSV	5°, 90%, 36%
XYZ	4.7488, 2.7175, 0.5327
YIQ	38.2250, 48.1390, 14.1470

Conversions

Conversions Part 2

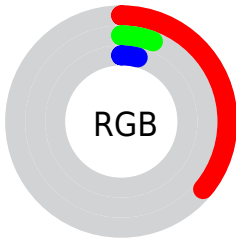
Format	Color
RYB	93, 17, 9
Decimal	6098953
CIELab	18.87, 33.83, 24.92
CIELCh	19, 42.022, 36.378
Yxy	2.7175, 0.5937, 0.3397
Android (android.graphics.Color)	4284289033 (0xFF5D1009)
YUV	38.2250, -14.4079, 48.0377
Hunter-Lab	16.4847, 22.5727, 9.6234

Details

The YUV color **38.2250, -14.4079, 48.0377** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **63.7750, 14.4079, -48.0377**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3350, -17.9132, 52.3262**, and **12.6720, -5.7543, 25.7207** is the 20% darker color. If you saturate the color by 10%, you get **32.5030, -16.0240, 53.0559**, and if you desaturate by 10%, it is **44.5340, -13.0813, 42.5047**.

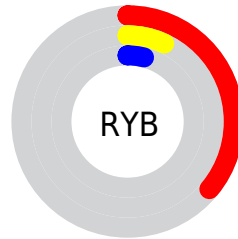
Distribution



Red (36%)

Green (6%)

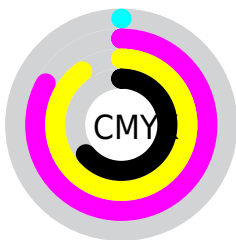
Blue (4%)



Red (36%)

Yellow (7%)

Blue (4%)

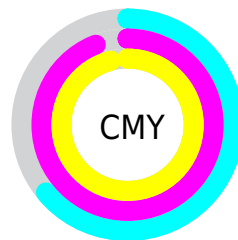


Cyan (0%)

Magenta (83%)

Yellow (90%)

Black (64%)



Cyan (64%)


Magenta (94%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 38.2250, -14.4079, 48.0377 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 38.2250, -14.4079, 48.0377 by changing the saturation by 10% instead.


 38.2250, -14.4079,
48.0377


 38.2250, -14.4079,
48.0377


 252.4920, -9.6096,
2.1995


 19.7340, -9.7289,
40.5753

 89.3350, -17.9132,
52.3262

 12.6720, -5.7543,
25.7207

 115.3030,
-19.3764, 54.9853

 0.0000, 0.0000,
0.0000


 141.9720,
-20.6922, 57.0296


 169.0540,
-21.7186, 59.5886


 193.2490,
-20.8288, 54.1556


 212.7630,


-17.1382, 37.0418


 232.2770,
-13.4476, 19.9281


 38.2250, -14.4079,
48.0377


 38.2250, -14.4079,
48.0377


 32.5030, -16.0240,
53.0559

 44.5340, -13.0813,
42.5047

 50.3700, -11.0284,
37.3865

 56.6790, -9.7017,
31.8535

 62.4010, -8.0857,
26.8353

 68.7100, -6.7590,
21.3023

■ 74.5460, -4.7062,
16.1842

■ 80.8550, -3.3795,
10.6512

■ 86.5770, -1.7635,
5.6330

■ 93.0000, 0.0000,
0.0000

Harmonies

Analogous

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



33.9760, 3.4628, 56.1490



38.2250, -14.4079, 48.0377



43.5680, -21.4790, 29.3199

Triad

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



38.2250, -14.4079, 48.0377



35.6250, -8.1961, -31.2431



40.3740, 32.8466, -35.4080

Complementary

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



38.2250, -14.4079, 48.0377



63.7750, 14.4079, -48.0377

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.



43.9130, 28.6369, -38.5117



38.2250, -14.4079, 48.0377



40.5610, 5.6394, -35.5720

Square

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



38.2250, -14.4079, 48.0377



37.6780, -18.5753, -15.5036



43.3940, 19.0328, -38.0565



46.4500, 24.4281, 4.8673

Rectangle

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



38.2250, -14.4079, 48.0377



43.4800, -21.4356, 15.3650



43.3940, 19.0328, -38.0565



42.2490, 32.4152, -37.0524

Sweetspot

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



38.2250, -14.4079, 48.0377



98.6280, -5.7326, 18.7432



42.8940, 21.2513, 43.9430



48.2680, -3.0901, 11.1660



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



38.2250, -14.4079, 48.0377



41.7500, -20.5827, 68.6252



62.8790, -26.5623, 26.4161



43.0820, -1.0264, 2.5591



38.1730, -18.8193, 62.9923



82.6030, -40.7233, 135.4062

Inverse Universe

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



63.7750, 14.4079, -48.0377



78.2500, 20.5828, -68.6252



39.1210, 26.5623, -26.4161



44.5050, 0.7370, -3.0739



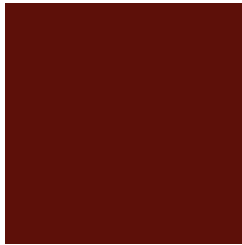
71.8270, 18.8193, -62.9923



154.3970, 40.7233, -135.4062

Previews

White Background



This preview shows how the YUV color 38.2250, -14.4079, 48.0377 looks on a white background.

Color Contrast Check

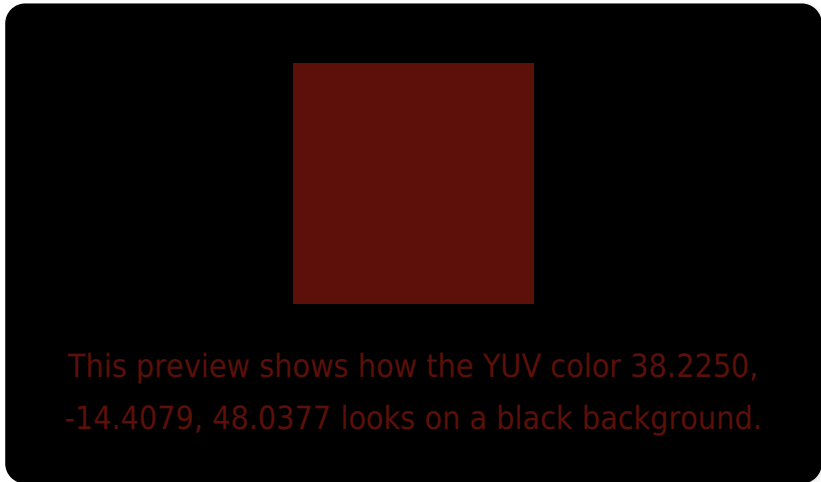
Large Text (above 18pt) WCAG AA ✓ Pass

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

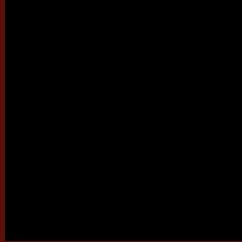
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2250, -14.4079, 48.0377

Background



This preview shows how black text looks on a background with the YUV color 38.2250, -14.4079, 48.0377.

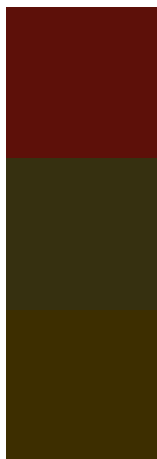


This preview shows how white text looks on a background with the YUV color 38.2250, -14.4079,

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

38.2250, -14.4079, 48.0377

Protanopia

46.1460, -14.8620, 6.8880

Deuteranopia

45.2410, -22.3038, 13.8206



Tritanopia

38.3220, -11.4977, 47.9526

Trichromacy



Original Color

38.2250, -14.4079, 48.0377

Protanomaly

42.9460, -14.7634, 21.9724

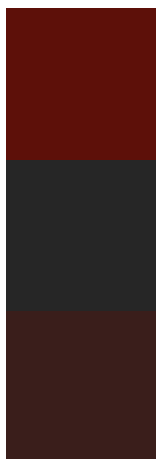
Deuteranomaly

42.7140, -19.5790, 26.5608

Tritanomaly

38.0940, -12.3713, 48.1526

Monochromacy



Original Color

38.2250, -14.4079, 48.0377

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0300, -5.4378, 17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2250, -14.4079, 48.0377 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(93, 16, 9)` looks like.

```
.text, #text, p{  
    color:rgb(93, 16, 9)  
}
```

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(93, 16, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 16, 9) }
```

Border

The CSS property to change the border of an element to YUV 38.2250, -14.4079, 48.0377 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(93, 16, 9) }
```


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

```
.border{ border-color:rgb(93, 16, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 16, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 16, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(93, 16, 9); box-shadow:4px  
4px 4px 4px rgb(93, 16, 9) }
```

Background

The CSS property to change the background color of an element to YUV 38.2250, -14.4079, 48.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 16, 9) }
```

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

```
.background{ background-color: rgb(93, 16,  
9) }
```

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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