

Converting Colors

YUV(48.3970, -14.9857,
93.4908)

Have a look what the booklet for
YUV(48.3970, -14.9857, 93.4908)
contains.

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Color

**YUV(48.3970, -14.9857,
93.4908)**

Conversions

Conversions Part 1

Format	Color
Hex	9B0012
RGB	155, 0, 18
RGB Percent	61%, 0%, 7%
CMY	0.3922, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.88, 0.39
HSL	353°, 100%, 30%
HSV	353°, 100%, 61%
XYZ	13.6268, 7.0122, 1.2076
YIQ	48.3970, 86.6020, 38.4580

Conversions

Conversions Part 2

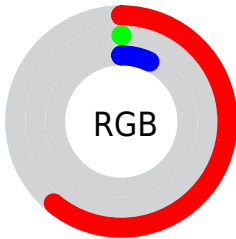
Format	Color
RYB	155, 0, 18
Decimal	10158098
CIELab	31.83, 55.51, 37.87
CIELCh	32, 67.196, 34.306
Yxy	7.0122, 0.6237, 0.3210
Android (android.graphics.Color)	4288348178 (0xFF9B0012)
YUV	48.3970, -14.9857, 93.4908
Hunter-Lab	26.4806, 45.5138, 15.8327

Details

The YUV color **48.3970, -14.9857, 93.4908** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **106.6030, 14.9857, -93.4908**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3890, -26.3208, 89.1128**, and **28.1060, -13.8563, 57.7890** is the 20% darker color. If you saturate the color by 10%, you get **48.3970, -14.9857, 93.4908**, and if you desaturate by 10%, it is **58.7980, -13.2114, 84.3692**.

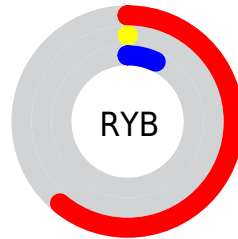
Distribution



Red (61%)

Green (0%)

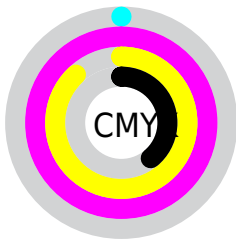
Blue (7%)



Red (61%)

Yellow (0%)

Blue (7%)

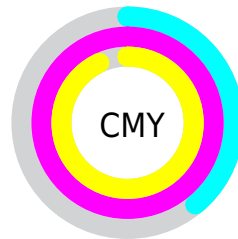


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (39%)



Cyan (39%)


Magenta (100%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 48.3970, -14.9857, 93.4908 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 48.3970, -14.9857, 93.4908 by changing the saturation by 10% instead.


 48.3970, -14.9857,
93.4908


 48.3970, -14.9857,
93.4908


 253.9740, -3.9312,
0.8998

 37.3750, -18.4259,
76.8471


 115.3890,
-26.3208, 89.1128

 28.1060, -13.8563,
57.7890


 143.5420,
-28.3682, 92.4867

 19.9620, -8.8553,
40.3753

 164.5080,
-26.8724, 79.3615

 10.2800, -4.5750,
20.8024


 183.9080,
-23.6186, 62.3477


 0.0000, 0.0000,
0.0000


 203.3080,
-20.3648, 45.3339


 223.4090,


-16.9636, 27.7053


 244.2110,
-13.4150, 9.4620

 48.3970, -14.9857,
93.4908

 58.7980, -13.2114,
84.3692

 69.6720, -12.1633,
74.8327

 80.6600, -10.6784,
65.1962

 91.0610, -8.9041,
56.0745

 101.9350, -7.8560,
46.5380

■ 112.3360, -6.0816,
37.4163

■ 122.7370, -4.3073,
28.2947

■ 133.7250, -2.8224,
18.6582

■ 144.0120, -1.4849,
9.6365

Harmonies

Analogous

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



56.4180, 6.6959, 92.5954



48.3970, -14.9857, 93.4908



69.0840, -34.0584, 50.7923

Triad

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



48.3970, -14.9857, 93.4908



57.2130, -16.8670, -50.1758



67.7080, 56.3460, -59.3799

Complementary

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



48.3970, -14.9857, 93.4908



106.6030, 14.9857, -93.4908

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.



73.4980, 48.0685, -64.4577



48.3970, -14.9857, 93.4908



64.9990, 7.8885, -57.0041

Square

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



48.3970, -14.9857, 93.4908



58.5440, -28.8622, -29.4181



71.6280, 30.7494, -62.8178



74.2920, 44.2260, 1.4979

Rectangle

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



48.3970, -14.9857, 93.4908



71.2890, -35.1455, 26.0565



71.6280, 30.7494, -62.8178



70.6430, 54.8990, -61.9539

Sweetspot

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



48.3970, -14.9857, 93.4908



159.7380, -5.7868, 36.1868



58.6330, 47.5089, 68.7279



76.6330, -3.2701, 22.2469



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



48.3970, -14.9857, 93.4908



62.7210, -19.5825, 121.2707



80.9780, -39.9222, 64.9173



71.5060, -0.7425, 4.8182



43.6840, -13.6482, 84.4691



4.0010, -1.4795, 7.8921

Inverse Universe

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



48.3970, -14.9857, 93.4908



62.7210, -19.5825, 121.2707



74.0220, 39.9222, -64.9173



71.5060, -0.7425, 4.8182



43.6840, -13.6482, 84.4691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 48.3970, -14.9857, 93.4908 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 48.3970, -14.9857, 93.4908

Background



This preview shows how black text looks on a background with the YUV color 48.3970, -14.9857, 93.4908.



This preview shows how white text looks on a background with the YUV color 48.3970, -14.9857,

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

48.3970, -14.9857, 93.4908

Protanopia

75.4470, -21.4194, 10.1320

Deuteranopia

73.0390, -36.0082, 22.7678



Tritanopia

54.2640, -26.7522, 87.4685

Trichromacy



Original Color

48.3970, -14.9857, 93.4908

Protanomaly

65.9160, -19.1856, 40.4157

Deuteranomaly

63.9680, -28.0852, 48.2631

Tritanomaly

52.1270, -22.2476, 89.3426

Monochromacy



Original Color

48.3970, -14.9857, 93.4908

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.4280, -5.6340, 33.8276

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.3970, -14.9857, 93.4908 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(155, 0, 18)` looks like.

```
.text, #text, p{  
  color:rgb(155, 0, 18)  
}
```

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(155, 0, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 0, 18) }
```

Border

The CSS property to change the border of an element to YUV 48.3970, -14.9857, 93.4908 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(155, 0, 18) }
```


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

```
.border{ border-color:rgb(155, 0, 18) }
```

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

Here you see how a box with a 4 pixel rgb(155, 0, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 0, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 0, 18);  
box-shadow:4px 4px 4px 4px rgb(155, 0, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.3970, -14.9857, 93.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 0, 18) }
```

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

```
.background{ background-color: rgb(155, 0,  
18) }
```

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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