

Converting Colors

YUV(73.7540, -16.6407,
64.2367)

Have a look what the booklet for
YUV(73.7540, -16.6407, 64.2367)
contains.

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Color

**YUV(73.7540, -16.6407,
64.2367)**

Conversions

Conversions Part 1

Format	Color
Hex	932B28
RGB	147, 43, 40
RGB Percent	58%, 17%, 16%
CMY	0.4235, 0.8314, 0.8431
CMYK	0.00, 0.71, 0.73, 0.42
HSL	2°, 57%, 37%
HSV	2°, 73%, 58%
XYZ	13.2795, 8.0840, 2.8679
YIQ	73.7540, 62.9470, 21.1150

Conversions

Conversions Part 2

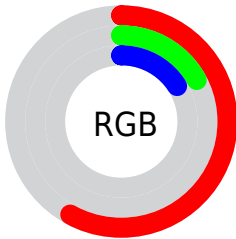
Format	Color
R_{YB}	147, 43, 40
Decimal	9644840
CIE _{Lab}	34.16, 43.25, 26.97
CIE _{LCh}	34, 50.974, 31.946
Yxy	8.0840, 0.5480, 0.3336
Android (android.graphics.Color)	4287834920 (0xFF932B28)
YUV	73.7540, -16.6407, 64.2367
Hunter-Lab	28.4324, 33.6128, 13.9221

Details

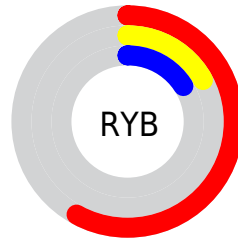
The YUV color **73.7540, -16.6407, 64.2367** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **113.2460, 16.6407, -64.2367**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.3480, -20.8776, 69.8548**, and **26.9100, -13.2666, 55.3299** is the 20% darker color. If you saturate the color by 10%, you get **63.8260, -19.1412, 72.9436**, and if you desaturate by 10%, it is **83.6820, -14.1402, 55.5299**.

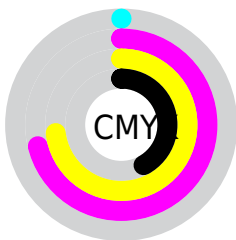
Distribution



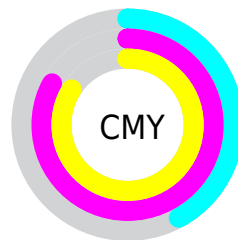
- Red (58%)
- Green (17%)
- Blue (16%)



- Red (58%)
- Yellow (17%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (73%)
- Black (42%)



- Cyan (42%)
- Magenta (83%)
- Yellow (84%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7540, -16.6407, 64.2367 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 73.7540, -16.6407, 64.2367 by changing the saturation by 10% instead.

■ 73.7540, -16.6407,
64.2367

■ 73.7540, -16.6407,
64.2367

255.0000, 0.0000,
0.0000

■ 44.4920, -12.5676,
64.4665

■ 127.3480,
-20.8776, 69.8548

■ 26.9100, -13.2666,
55.3299

■ 155.0170,
-22.1934, 71.8991

■ 18.2390, -8.9918,
37.5014

■ 179.0980,
-21.7403, 66.5661

■ 9.6820, -4.2802,
19.5729

■ 198.0250,
-17.7603, 49.9671

■ 0.0000, 0.0000,
0.0000

■ 217.5390,
-14.0697, 32.8533

■ 237.6400,

-10.6685, 15.2247

253.8600, -4.3680,
0.9998

73.7540, -16.6407,
64.2367

73.7540, -16.6407,
64.2367

63.8260, -19.1412,
72.9436

83.6820, -14.1402,
55.5299

53.4250, -20.9155,
82.0653

94.0830, -12.3659,
46.4082

46.3010, -22.8264,
88.3130

104.0110, -9.8654,
37.7014

113.9390, -7.3649,
28.9945

123.7530, -5.3012,
20.3876

■ 134.2680, -3.0901,
11.1660

■ 144.1960, -0.5896,
2.4591

■ 154.1240, 1.9109,
-6.2477

■ 164.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



72.6400, 3.1355, 67.8447



73.7540, -16.6407, 64.2367



74.9540, -36.9523, 45.6443

Triad

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



73.7540, -16.6407, 64.2367



60.9120, -10.3096, -53.4198



68.3630, 46.1630, -59.9544

Complementary

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



73.7540, -16.6407, 64.2367



113.2460, 16.6407, -64.2367

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.



72.5060, 39.1905, -63.5878



73.7540, -16.6407, 64.2367



66.8740, 7.4571, -58.6485

Square

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



73.7540, -16.6407, 64.2367



68.9760, -34.0052, -13.1340



71.4340, 24.9290, -62.6476



81.2350, 33.9011, -0.2061

Rectangle

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



73.7540, -16.6407, 64.2367



76.0180, -37.4769, 27.1712



71.4340, 24.9290, -62.6476



70.5970, 44.5687, -61.9136

Sweetspot

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



73.7540, -16.6407, 64.2367



162.1450, -6.4805, 25.3058



83.9630, 30.0912, 55.2834



79.4750, -3.6852, 15.3694



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



73.7540, -16.6407, 64.2367



77.5690, -25.9165, 99.4790



104.2780, -31.6891, 37.4672



69.0930, -1.0318, 4.3034



43.6100, -21.4997, 82.7800



2.9900, -1.4741, 6.1478

Inverse Universe

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



113.2460, 16.6407, -64.2367



139.0180, 25.6271, -99.9938



82.7220, 31.6891, -37.4672



71.9070, 1.0318, -4.3034



94.3900, 21.4997, -82.7800



7.0100, 1.4741, -6.1478

Previews

White Background



This preview shows how the YUV color 73.7540, -16.6407, 64.2367 looks on a white background.

Color Contrast Check

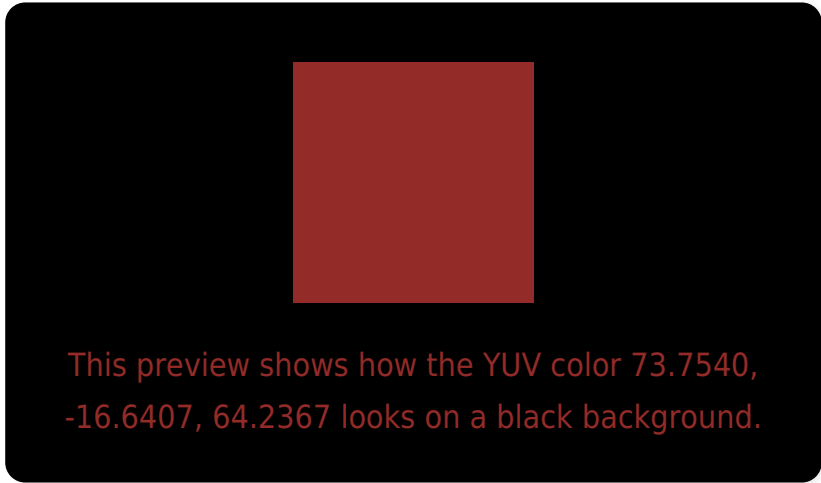
Large Text (above 18pt) WCAG AA ✓ Pass

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

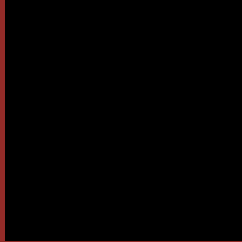
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.7540, -16.6407, 64.2367

Background



This preview shows how black text looks on a background with the YUV color 73.7540, -16.6407, 64.2367.



This preview shows how white text looks on a background with the YUV color 73.7540, -16.6407,

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

73.7540, -16.6407, 64.2367

Protanopia

80.2000, -13.4096, 7.7176

Deuteranopia

79.1600, -22.7569, 19.1537



Tritanopia

73.6230, -14.6041, 64.3516

Trichromacy



Original Color

73.7540, -16.6407, 64.2367

Protanomaly

77.6910, -14.6377, 28.3350

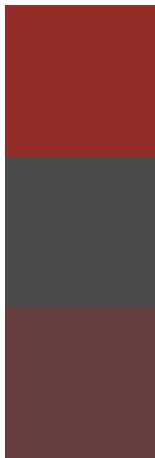
Deuteranomaly

77.5410, -20.4797, 35.4825

Tritanomaly

73.5090, -15.0409, 64.4516

Monochromacy



Original Color

73.7540, -16.6407, 64.2367

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2480, -6.0383, 23.4615

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7540, -16.6407, 64.2367 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(147, 43, 40)` looks like.

```
.text, #text, p{  
    color:rgb(147, 43, 40)  
}
```

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(147, 43, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 43, 40) }
```

Border

The CSS property to change the border of an element to YUV 73.7540, -16.6407, 64.2367 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(147, 43, 40) }
```


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

```
.border{ border-color:rgb(147, 43, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 43, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 43, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 43, 40);  
box-shadow:4px 4px 4px 4px rgb(147, 43,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 73.7540, -16.6407, 64.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 43, 40) }
```

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

```
.background{ background-color: rgb(147, 43,  
40) }
```

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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