

Converting Colors

YUV(93.7540, -33.4027,
73.8837)

Have a look what the booklet for
YUV(93.7540, -33.4027, 73.8837)
contains.

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Color

**YUV(93.7540, -33.4027,
73.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	B2401A
RGB	178, 64, 26
RGB Percent	70%, 25%, 10%
CMY	0.3020, 0.7490, 0.8980
CMYK	0.00, 0.64, 0.85, 0.30
HSL	15°, 75%, 40%
HSV	15°, 85%, 70%
XYZ	20.3799, 13.2064, 2.4522
YIQ	93.7540, 80.1420, 12.3500

Conversions

Conversions Part 2

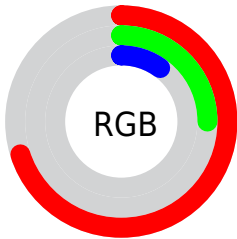
Format	Color
R_{YB}	178, 77, 26
Decimal	11681818
CIE Lab	43.07, 44.64, 45.37
CIE LCh	43, 63.651, 45.462
Yxy	13.2064, 0.5655, 0.3665
Android (android.graphics.Color)	4289871898 (0xFFB2401A)
YUV	93.7540, -33.4027, 73.8837
Hunter-Lab	36.3405, 36.5077, 21.4376

Details

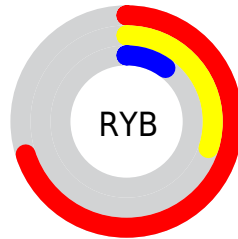
The YUV color **93.7540, -33.4027, 73.8837** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **110.2460, 33.4027, -73.8837**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8750, -36.9134, 79.9166**, and **35.8690, -17.6834, 72.0289** is the 20% darker color. If you saturate the color by 10%, you get **84.0710, -37.5030, 82.3757**, and if you desaturate by 10%, it is **103.4370, -29.3024, 65.3918**.

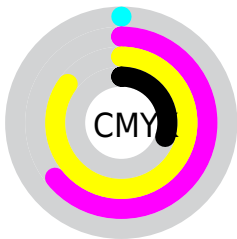
Distribution



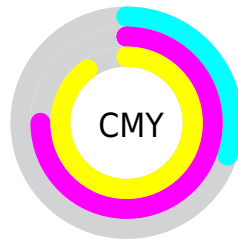
- Red (70%)
- Green (25%)
- Blue (10%)



- Red (70%)
- Yellow (30%)
- Blue (10%)



- Cyan (0%)
- Magenta (64%)
- Yellow (85%)
- Black (30%)





- Cyan (30%)
- Magenta (75%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.7540, -33.4027, 73.8837 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 93.7540, -33.4027, 73.8837 by changing the saturation by 10% instead.


 93.7540, -33.4027,
73.8837


 93.7540, -33.4027,
73.8837


255.0000, 0.0000,
0.0000


 65.7860, -31.9395,
71.2247


 148.8750,
-36.9134, 79.9166


 35.8690, -17.6834,
72.0289


 171.3580,
-36.1655, 73.3540


 26.3120, -12.9718,
54.1004

 190.7580,
-32.9117, 56.3402

 18.0540, -8.4076,
36.7866

 210.1580,
-29.6579, 39.3264

 8.4860, -3.6906,
17.1138

 230.2590,
-26.2567, 21.6979

 0.0000, 0.0000,
0.0000

 249.3000,

-21.8399, 4.9989

252.4920, -9.6096,
2.1995

93.7540, -33.4027,
73.8837

93.7540, -33.4027,
73.8837

84.0710, -37.5030,
82.3757

103.4370,
-29.3024, 65.3918

79.6370, -39.2610,
86.2644

113.7070,
-25.4916, 56.3850

123.2760,
-21.8281, 47.9929

132.9590,
-17.7278, 39.5010

143.2290,
-13.9169, 30.4942

■ 152.9120, -9.8166,
22.0022

■ 162.5950, -5.7163,
13.5102

■ 172.7510, -2.3422,
4.6034

■ 182.4340, 1.7580,
-3.8886

Harmonies

Analogous

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



88.2040, -5.5236, 91.9061



93.7540, -33.4027, 73.8837



95.8860, -47.2718, 42.1960

Triad

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



93.7540, -33.4027, 73.8837



80.5230, -3.7088, -70.6187



81.3690, 60.4571, -71.3606

Complementary

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



93.7540, -33.4027, 73.8837



110.2460, 33.4027, -73.8837

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.



90.7610, 55.8268, -79.5974



93.7540, -33.4027, 73.8837



87.9670, 19.7363, -77.1471

Square

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



93.7540, -33.4027, 73.8837



78.5220, -32.3023, -46.0618



92.2650, 41.2814, -80.9164



103.8780, 35.5561, 29.0480

Rectangle

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



93.7540, -33.4027, 73.8837



94.8460, -46.7591, 17.6751



92.2650, 41.2814, -80.9164



85.3470, 60.4679, -74.8493

Sweetspot

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



93.7540, -33.4027, 73.8837



198.7450, -13.1853, 29.1646



84.4440, 27.3891, 82.0486



97.0470, -7.9112, 17.4988



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



93.7540, -33.4027, 73.8837



103.4140, -50.9831, 112.7699



138.3660, -55.3964, 34.7590



84.4520, -2.1948, 3.9886



68.0530, -33.5501, 74.4985



11.2960, -5.5689, 12.8954

Inverse Universe

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



110.2460, 33.4027, -73.8837



128.5860, 50.9831, -112.7699



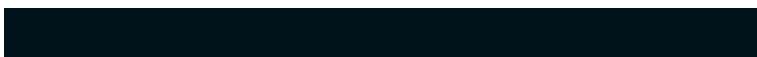
65.6340, 55.3964, -34.7590



85.1350, 1.9054, -4.5034



84.9470, 33.5501, -74.4985



14.1170, 5.8583, -12.3806

Previews

White Background



This preview shows how the YUV color 93.7540, -33.4027, 73.8837 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 × Fail

Black Background



This preview shows how the YUV color 93.7540, -33.4027, 73.8837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

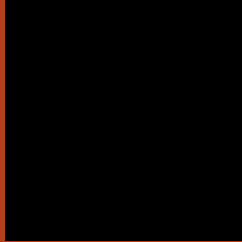
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7540, -33.4027, 73.8837

Background



This preview shows how black text looks on a background with the YUV color 93.7540, -33.4027, 73.8837.



This preview shows how white text looks on a background with the YUV color 93.7540, -33.4027,

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

93.7540, -33.4027, 73.8837

Protanopia

98.9500, -31.0343, 14.0758

Deuteranopia

96.4930, -44.6130, 29.3856



Tritanopia

96.0370, -15.7942, 72.7586

Trichromacy



Original Color

93.7540, -33.4027, 73.8837

Protanomaly

97.1530, -32.1204, 35.8228

Deuteranomaly

95.3300, -40.5887, 45.3146

Tritanomaly

95.0280, -22.1988, 73.6434

Monochromacy



Original Color

93.7540, -33.4027, 73.8837

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9620, -12.3063, 27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7540, -33.4027, 73.8837 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(178, 64, 26)` looks like.

```
.text, #text, p{  
    color:rgb(178, 64, 26)  
}
```

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(178, 64, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 64, 26) }
```

Border

The CSS property to change the border of an element to YUV 93.7540, -33.4027, 73.8837 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(178, 64, 26) }
```


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

```
.border{ border-color:rgb(178, 64, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 64, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 64, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 64, 26);  
box-shadow:4px 4px 4px 4px rgb(178, 64,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 93.7540, -33.4027, 73.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 64, 26) }
```

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

```
.background{ background-color: rgb(178, 64,  
26) }
```

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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