

Converting Colors

YUV(149.0160, -37.4759,
73.6540)

Have a look what the booklet for
YUV(149.0160, -37.4759, 73.6540)
contains.

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Color

**YUV(149.0160, -37.4759,
73.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	E97949
RGB	233, 121, 73
RGB Percent	91%, 47%, 29%
CMY	0.0863, 0.5255, 0.7137
CMYK	0.00, 0.48, 0.69, 0.09
HSL	18°, 78%, 60%
HSV	18°, 69%, 91%
XYZ	41.6442, 31.4794, 10.1846
YIQ	149.0160, 82.1600, 8.8160

Conversions

Conversions Part 2

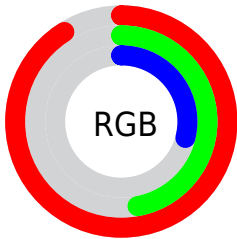
Format	Color
R_{YB}	233, 142, 73
Decimal	15300937
CIE _{Lab}	62.91, 39.63, 45.27
CIE _{LCh}	63, 60.161, 48.798
Yxy	31.4794, 0.4999, 0.3779
Android (android.graphics.Color)	4293491017 (0xFFE97949)
YUV	149.0160, -37.4759, 73.6540
Hunter-Lab	56.1065, 34.3026, 28.5121

Details

The YUV color **149.0160, -37.4759, 73.6540** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **156.9840, 37.4759, -73.6540**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9920, -34.5061, 54.3810**, and **94.4820, -34.2546, 67.1063** is the 20% darker color. If you saturate the color by 10%, you get **137.0020, -42.8920, 84.1902**, and if you desaturate by 10%, it is **161.0300, -32.0598, 63.1177**.

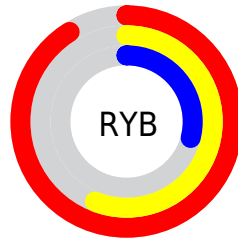
Distribution



Red (91%)

Green (47%)

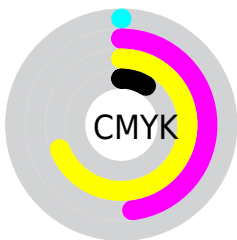
Blue (29%)



Red (91%)

Yellow (56%)

Blue (29%)

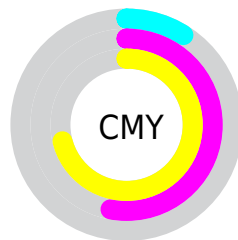


Cyan (0%)

Magenta (48%)

Yellow (69%)

Black (9%)



Cyan (9%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0160, -37.4759, 73.6540 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 149.0160, -37.4759, 73.6540 by changing the saturation by 10% instead.

149.0160,
-37.4759, 73.6540

149.0160,
-37.4759, 73.6540

255.0000, 0.0000,
0.0000

121.7490,
-35.8653, 70.3801

192.9920,
-34.5061, 54.3810

94.4820, -34.2546,
67.1063

212.5060,
-30.8155, 37.2672

67.9870, -33.5176,
64.0324

232.6070,
-27.4143, 19.6387

42.8800, -21.1398,
60.6182

249.1860,
-22.2767, 5.0989

24.5180, -12.0874,
50.4117

252.4920, -9.6096,
2.1995

16.4450, -8.1074,
33.8127

5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 149.0160,
-37.4759, 73.6540

■ 149.0160,
-37.4759, 73.6540

■ 137.0020,
-42.8920, 84.1902

■ 161.0300,
-32.0598, 63.1177

■ 124.2870,
-48.4555, 95.3413

■ 173.7450,
-26.4963, 51.9666


■ 112.2730,
-53.8716, 105.8776


■ 185.7590,
-21.0802, 41.4304

■ 110.7570,
-54.6032, 107.2071


■ 197.7730,
-15.6641, 30.8941

■ 210.4880,
-10.1006, 19.7430

 222.5020, -4.6845,
9.2067

 234.5160, 0.7316,
-1.3295

 246.0740, 4.4005,
-11.4659

 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



149.2930, -13.9484, 87.4430



149.0160, -37.4759, 73.6540



146.7030, -53.0976, 44.1105

Triad

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



149.0160, -37.4759, 73.6540



118.7190, 5.5615, -104.1166



149.3420, 51.5964, -29.2409

Complementary

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



149.0160, -37.4759, 73.6540



156.9840, 37.4759, -73.6540

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.



125.3380, 63.9234, -109.9214



149.0160, -37.4759, 73.6540



125.5760, 29.2960, -110.1302

Square

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



149.0160, -37.4759, 73.6540



134.0860, -27.6504, -44.8024



128.5860, 50.9831, -112.7699



156.5260, 32.7717, 35.4957

Rectangle

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



149.0160, -37.4759, 73.6540



144.1960, -54.3266, 18.2451



128.5860, 50.9831, -112.7699



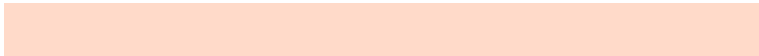
139.5120, 56.9356, -61.8390

Sweetspot

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



149.0160, -37.4759, 73.6540



227.1250, -12.8796, 24.4464



133.6080, 25.3363, 87.1668



110.8510, -7.3215, 15.0397



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



149.0160, -37.4759, 73.6540



145.4720, -49.0397, 96.0561



195.9760, -60.6272, 32.4700



111.0500, -2.4896, 5.2182



85.8170, -42.3078, 83.4755



25.5380, -12.5902, 24.9612

Inverse Universe

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



156.9840, 37.4759, -73.6540



155.5280, 49.0397, -96.0561



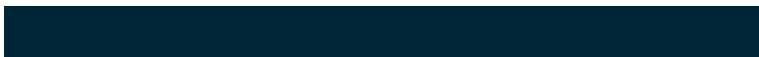
110.0240, 60.6272, -32.4700



111.9500, 2.4897, -5.2181



95.1830, 42.3078, -83.4755



27.8750, 12.8796, -24.4464

Previews

White Background



This preview shows how the YUV color 149.0160, -37.4759, 73.6540 looks on a white 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

Black Background



This preview shows how the YUV color 149.0160, -37.4759, 73.6540 looks on a black 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

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

YUV 149.0160, -37.4759, 73.6540

Background



This preview shows how black text looks on a background with the YUV color 149.0160, -37.4759, 73.6540.



This preview shows how white text looks on a background with the YUV color 149.0160, -37.4759,

73.6540.

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

149.0160, -37.4759, 73.6540

Protanopia

149.5050, -32.7870, 16.2201

Deuteranopia

149.2640, -40.5562, 34.8485



Tritanopia

152.0910, -14.3419, 73.5882

Trichromacy



Original Color

149.0160, -37.4759, 73.6540

Protanomaly

149.1810, -34.5992, 37.5523

Deuteranomaly

148.9930, -39.4365, 49.1181

Tritanomaly

150.9140, -22.6356, 73.7434

Monochromacy



Original Color

149.0160, -37.4759, 73.6540

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.2070, -13.9061, 27.0055

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0160, -37.4759, 73.6540 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(233, 121, 73)` looks like.

```
.text, #text, p{  
    color:rgb(233, 121, 73)  
}
```

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(233, 121, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 121, 73) }
```

Border

The CSS property to change the border of an element to YUV 149.0160, -37.4759, 73.6540 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(233, 121, 73) }
```


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

```
.border{ border-color:rgb(233, 121, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 121, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 121, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 121, 73);  
box-shadow:4px 4px 4px 4px rgb(233, 121,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 149.0160, -37.4759, 73.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 121, 73) }
```

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

```
.background{ background-color: rgb(233,  
121, 73) }
```

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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