

Converting Colors

YUV(149.4090, -23.3726,
76.8173)

Have a look what the booklet for
YUV(149.4090, -23.3726, 76.8173)
contains.

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Color

**YUV(149.4090, -23.3726,
76.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7266
RGB	237, 114, 102
RGB Percent	93%, 45%, 40%
CMY	0.0706, 0.5529, 0.6000
CMYK	0.00, 0.52, 0.57, 0.07
HSL	5°, 79%, 66%
HSV	5°, 57%, 93%
XYZ	43.3406, 30.9985, 16.2694
YIQ	149.4090, 77.1600, 22.3440

Conversions

Conversions Part 2

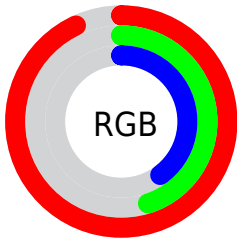
Format	Color
R _Y B	237, 115, 102
Decimal	15561318
CIE Lab	62.51, 46.46, 29.23
CIE LCh	63, 54.887, 32.174
Yxy	30.9985, 0.4783, 0.3421
Android (android.graphics.Color)	4293751398 (0xFFED7266)
YUV	149.4090, -23.3726, 76.8173
Hunter-Lab	55.6763, 41.5181, 21.6480

Details

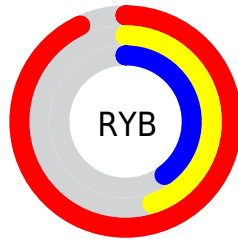
The YUV color **149.4090, -23.3726, 76.8173** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **189.5910, 23.3726, -76.8173**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.8900, -19.6658, 54.4705**, and **94.7010, -19.5726, 71.2992** is the 20% darker color. If you saturate the color by 10%, you get **133.7590, -27.4892, 90.5424**, and if you desaturate by 10%, it is **165.0590, -19.2561, 63.0923**.

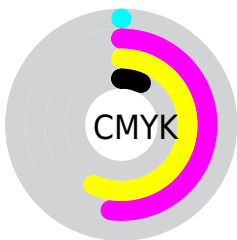
Distribution



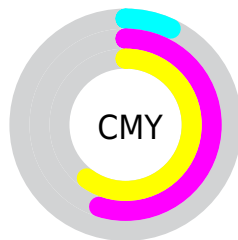
- Red (93%)
- Green (45%)
- Blue (40%)



- Red (93%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (52%)
- Yellow (57%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4090, -23.3726, 76.8173 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 149.4090, -23.3726, 76.8173 by changing the saturation by 10% instead.

149.4090,
-23.3726, 76.8173

149.4090,
-23.3726, 76.8173

255.0000, 0.0000,
0.0000

121.5550,
-21.4726, 74.0583

192.8900,
-19.6658, 54.4705

94.7010, -19.5726,
71.2992

212.4040,
-15.9752, 37.3567

66.7870, -16.6570,
69.4698

232.0320,
-11.8478, 20.1429

36.3510, -12.0050,
70.7292

252.8340, -8.2992,
1.8996

26.3120, -12.9718,
54.1004

18.0540, -8.4076,
36.7866

8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 149.4090,
-23.3726, 76.8173

■ 149.4090,
-23.3726, 76.8173

■ 133.7590,
-27.4892, 90.5424

■ 165.0590,
-19.2561, 63.0923

■ 118.8100,
-31.4583, 103.6526

■ 180.0080,
-15.2869, 49.9820

■ 103.1600,
-35.5749, 117.3777

■ 195.6580,
-11.1704, 36.2569

■ 88.0970, -39.9808,
130.5879

■ 210.7210, -6.7645,
23.0467

■ 83.1900, -41.0127,
134.8914

■ 226.2570, -3.0847,
9.4216

■ 241.9070, 1.0318,
-4.3034

■ 249.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



151.3700, -0.6754, 76.8515



149.4090, -23.3726, 76.8173



148.4670, -41.6422, 56.5954

Triad

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



149.4090, -23.3726, 76.8173



127.7810, -11.7240, -66.4599



133.7230, 56.8316, -75.1791

Complementary

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



149.4090, -23.3726, 76.8173



189.5910, 23.3726, -76.8173

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.



125.6340, 54.9034, -110.1810



149.4090, -23.3726, 76.8173



120.1670, 16.1867, -105.3865

Square

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



149.4090, -23.3726, 76.8173



140.2380, -38.0783, -13.3637



125.1660, 37.8792, -109.7706



154.3370, 39.2739, 3.2125

Rectangle

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



149.4090, -23.3726, 76.8173



146.6250, -48.1291, 37.1629



125.1660, 37.8792, -109.7706



122.1920, 62.0233, -107.1624

Sweetspot

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



149.4090, -23.3726, 76.8173



227.2050, -7.4961, 24.3762



156.5010, 34.2630, 70.5976



110.9480, -4.4114, 14.9546



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.



149.4090, -23.3726, 76.8173



142.5320, -29.8423, 98.6344



188.7380, -42.7618, 42.3258



109.8760, -1.9109, 6.2477



63.5110, -31.3109, 103.0379



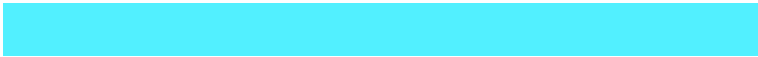
19.0810, -9.4069, 30.6240

Inverse Universe

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



189.5910, 23.3726, -76.8173



194.4680, 29.8423, -98.6344



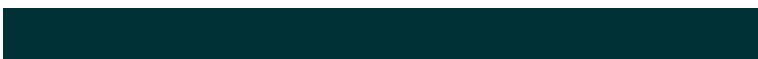
150.2620, 42.7618, -42.3258



113.1240, 1.9109, -6.2477



117.4890, 31.3109, -103.0379



34.9190, 9.4069, -30.6240

Previews

White Background



This preview shows how the YUV color 149.4090, -23.3726, 76.8173 looks on a white background.

Color Contrast Check

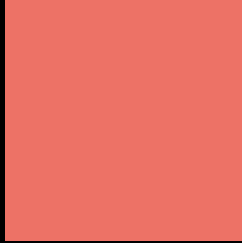
Large Text (above 18pt) WCAG AA × Fail

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 149.4090, -23.3726, 76.8173 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 149.4090, -23.3726, 76.8173

Background



This preview shows how black text looks on a background with the YUV color 149.4090, -23.3726, 76.8173.



This preview shows how white text looks on a background with the YUV color 149.4090, -23.3726, 76.8173.

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

149.4090, -23.3726, 76.8173

Protanopia

150.5270, -16.0358, 10.0618

Deuteranopia

150.7760, -27.0046, 28.2604



Tritanopia

149.8850, -15.2263, 77.2769

Trichromacy



Original Color

149.4090, -23.3726, 76.8173

Protanomaly

150.2850, -18.8745, 33.9531

Deuteranomaly

150.5270, -25.8958, 46.0188

Tritanomaly

149.7880, -18.1365, 77.3619

Monochromacy



Original Color

149.4090, -23.3726, 76.8173

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9990, -8.3805, 28.0649

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4090, -23.3726, 76.8173 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(237, 114, 102)` looks like.

```
.text, #text, p{  
    color:rgb(237, 114, 102)  
}
```

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(237, 114, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 114, 102) }
```

Border

The CSS property to change the border of an element to YUV 149.4090, -23.3726, 76.8173 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(237, 114, 102) }
```


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

```
.border{ border-color:rgb(237, 114, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 114, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 114, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 114, 102);  
box-shadow:4px 4px 4px 4px rgb(237, 114,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 149.4090, -23.3726, 76.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 114, 102) }
```

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

```
.background{ background-color: rgb(237,  
114, 102) }
```

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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