

Converting Colors

YUV(151.9850, -23.6566,
74.5582)

Have a look what the booklet for
YUV(151.9850, -23.6566, 74.5582)
contains.

YUV(151.9850, -23.6566, 74.5582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.9850, -23.6566,
74.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7668
RGB	237, 118, 104
RGB Percent	93%, 46%, 41%
CMY	0.0706, 0.5373, 0.5922
CMYK	0.00, 0.50, 0.56, 0.07
HSL	6°, 79%, 67%
HSV	6°, 56%, 93%
XYZ	43.9022, 31.9609, 16.9519
YIQ	151.9850, 75.4180, 20.8740

Conversions

Conversions Part 2

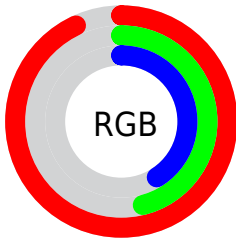
Format	Color
R _Y B	237, 120, 104
Decimal	15562344
CIE Lab	63.31, 44.65, 29.15
CIE LCh	63, 53.320, 33.140
Yxy	31.9609, 0.4730, 0.3444
Android (android.graphics.Color)	4293752424 (0xFFED7668)
YUV	151.9850, -23.6566, 74.5582
Hunter-Lab	56.5339, 39.6821, 21.7955

Details

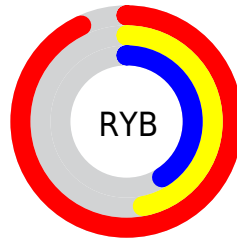
The YUV color **151.9850, -23.6566, 74.5582** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **189.0150, 23.6566, -74.5582**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8790, -19.6603, 52.7261**, and **97.2770, -19.8566, 69.0401** is the 20% darker color. If you saturate the color by 10%, you get **136.9220, -28.0625, 87.7684**, and if you desaturate by 10%, it is **167.0480, -19.2507, 61.3479**.

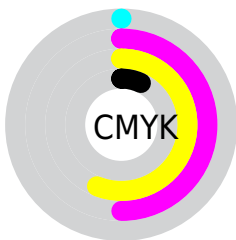
Distribution



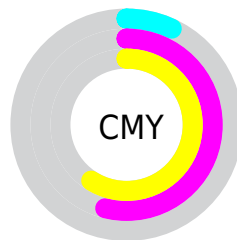
- Red (93%)
- Green (46%)
- Blue (41%)



- Red (93%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (56%)
- Black (7%)



- Cyan (7%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.9850, -23.6566, 74.5582 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 151.9850, -23.6566, 74.5582 by changing the saturation by 10% instead.

151.9850,
-23.6566, 74.5582

151.9850,
-23.6566, 74.5582

255.0000, 0.0000,
0.0000

124.7180,
-22.0460, 71.2843

194.8790,
-19.6603, 52.7261

97.2770, -19.8566,
69.0401

214.9800,
-16.2591, 35.0975

69.9500, -17.2303,
66.6959

234.6080,
-12.1317, 17.8838

38.3400, -11.9996,
68.9848

253.0620, -7.4256,
1.6996

26.3120, -12.9718,
54.1004

17.9400, -8.8444,
36.8866

8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 151.9850,
-23.6566, 74.5582

■ 151.9850,
-23.6566, 74.5582

■ 136.9220,
-28.0625, 87.7684

■ 167.0480,
-19.2507, 61.3479

■ 121.9730,
-32.0317, 100.8787

■ 181.9970,
-15.2815, 48.2376

■ 106.3230,
-36.1482, 114.6037

■ 197.6470,
-11.1650, 34.5126

■ 91.2600, -40.5542,
127.8140

■ 212.7100, -6.7590,
21.3023

■ 85.5380, -42.1702,
132.8322

■ 227.6590, -2.7899,
8.1921

■ 242.7220, 1.6161,
-5.0182

■ 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.



153.7180, -1.8330, 74.7923



151.9850, -23.6566, 74.5582



150.6840, -40.7632, 54.6511

Triad

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



151.9850, -23.6566, 74.5582



130.6070, -11.1453, -65.4303



139.8660, 53.3101, -65.6575

Complementary

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



151.9850, -23.6566, 74.5582



189.0150, 23.6566, -74.5582

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.



126.2210, 54.6140, -110.6958



151.9850, -23.6566, 74.5582



121.7970, 17.3551, -106.8160

Square

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



151.9850, -23.6566, 74.5582



142.3950, -36.1837, -14.3784



126.5680, 38.1740, -111.0001



156.5930, 37.6687, 4.7419

Rectangle

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



151.9850, -23.6566, 74.5582



148.9560, -46.8133, 35.1186



126.5680, 38.1740, -111.0001



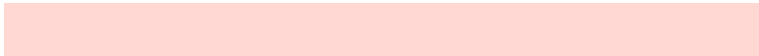
123.2520, 61.0078, -108.0920

Sweetspot

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



151.9850, -23.6566, 74.5582



227.2050, -7.4961, 24.3762



157.4470, 32.8106, 69.7680



111.5350, -4.7008, 14.4398



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.



151.9850, -23.6566, 74.5582



145.6950, -30.4156, 95.8605



190.7270, -42.7564, 40.5814



109.8760, -1.9109, 6.2477



65.2720, -32.1791, 101.4935



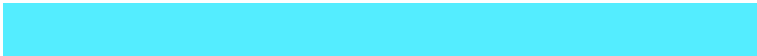
19.6680, -9.6963, 30.1092

Inverse Universe

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



189.0150, 23.6566, -74.5582



193.3050, 30.4156, -95.8605



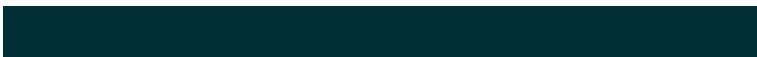
150.2730, 42.7564, -40.5814



113.1240, 1.9109, -6.2477



115.7280, 32.1791, -101.4935



34.3320, 9.6963, -30.1092

Previews

White Background



This preview shows how the YUV color 151.9850, -23.6566, 74.5582 looks on a white background.

Color Contrast Check

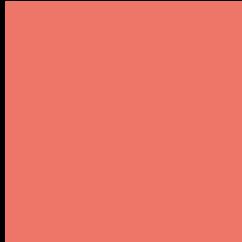
Large Text (above 18pt) WCAG AA × Fail

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 151.9850, -23.6566, 74.5582 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 151.9850, -23.6566, 74.5582 Background



This preview shows how black text looks on a background with the YUV color 151.9850, -23.6566, 74.5582.



This preview shows how white text looks on a background with the YUV color 151.9850, -23.6566,

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

151.9850, -23.6566, 74.5582

Protanopia

152.4130, -16.4726, 10.1618

Deuteranopia

152.8900, -26.5678, 28.1605



Tritanopia

152.6890, -14.6367, 74.8177

Trichromacy



Original Color

151.9850, -23.6566, 74.5582

Protanomaly

152.2850, -18.8745, 33.9531

Deuteranomaly

152.3420, -25.3116, 45.3041

Tritanomaly

152.4780, -17.9837, 75.0028

Monochromacy



Original Color

151.9850, -23.6566, 74.5582

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.2870, -8.5225, 26.9353

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9850, -23.6566, 74.5582 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, 118, 104)` looks like.

```
.text, #text, p{  
    color:rgb(237, 118, 104)  
}
```

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, 118, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 118, 104) }
```

Border

The CSS property to change the border of an element to YUV 151.9850, -23.6566, 74.5582 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, 118, 104) }
```


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

```
.border{ border-color:rgb(237, 118, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 118, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 118, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 118, 104);  
box-shadow:4px 4px 4px 4px rgb(237, 118,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 151.9850, -23.6566, 74.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 118, 104) }
```

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

```
.background{ background-color: rgb(237,  
118, 104) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor