

Converting Colors

YUV(159.1010, -29.6298,
77.0874)

Have a look what the booklet for
YUV(159.1010, -29.6298, 77.0874)
contains.

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Color

**YUV(159.1010, -29.6298,
77.0874)**

Conversions

Conversions Part 1

Format	Color
Hex	F77E63
RGB	247, 126, 99
RGB Percent	97%, 49%, 39%
CMY	0.0314, 0.5059, 0.6118
CMYK	0.00, 0.49, 0.60, 0.03
HSL	11°, 90%, 68%
HSV	11°, 60%, 97%
XYZ	48.0708, 35.5967, 16.1416
YIQ	159.1010, 80.7830, 17.2550

Conversions

Conversions Part 2

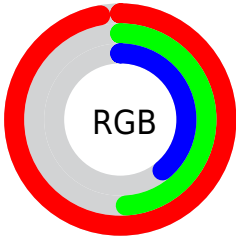
Format	Color
R_{YB}	247, 132, 99
Decimal	16219747
CIE _{Lab}	66.21, 44.01, 35.89
CIE _{LCh}	66, 56.791, 39.198
Yxy	35.5967, 0.4816, 0.3566
Android (android.graphics.Color)	4294409827 (0xFFFF77E63)
YUV	159.1010, -29.6298, 77.0874
Hunter-Lab	59.6630, 39.4081, 25.7234

Details

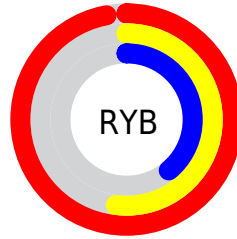
The YUV color **159.1010, -29.6298, 77.0874** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **186.8990, 29.6298, -77.0874**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.5920, -24.4489, 48.5928**, and **103.9800, -26.1191, 71.0545** is the 20% darker color. If you saturate the color by 10%, you get **144.5110, -34.7619, 89.8829**, and if you desaturate by 10%, it is **173.6910, -24.4977, 64.2920**.

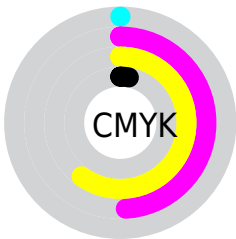
Distribution



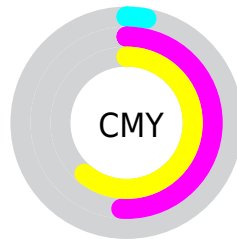
- Red (97%)
- Green (49%)
- Blue (39%)



- Red (97%)
- Yellow (52%)
- Blue (39%)



- Cyan (0%)
- Magenta (49%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1010, -29.6298, 77.0874 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 159.1010, -29.6298, 77.0874 by changing the saturation by 10% instead.

159.1010,
-29.6298, 77.0874

159.1010,
-29.6298, 77.0874

255.0000, 0.0000,
0.0000

131.2470,
-27.7298, 74.3284

199.5920,
-24.4489, 48.5928

103.9800,
-26.1191, 71.0545

219.1060,
-20.7583, 31.4790

77.2400, -23.7823,
68.1955

239.3210,
-16.9203, 13.7505

48.3370, -20.8721,
68.1105

252.4920, -9.6096,
2.1995

28.7040, -14.1511,
59.0186

20.0330, -9.8763,
41.1901

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 159.1010,
-29.6298, 77.0874

■ 159.1010,
-29.6298, 77.0874

■ 144.5110,
-34.7619, 89.8829

■ 173.6910,
-24.4977, 64.2920

■ 130.0350,
-39.4573, 102.5783

■ 188.1670,
-19.8023, 51.5965

■ 114.8580,
-44.3000, 115.8885

■ 203.3440,
-14.9596, 38.2863

■ 100.2680,
-49.4321, 128.6840

■ 217.9340, -9.8275,
25.4909

■ 232.5240, -4.6953,
12.6955

■ 247.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



160.5080, -6.6594, 82.8695



159.1010, -29.6298, 77.0874



157.4790, -46.5781, 53.0769

Triad

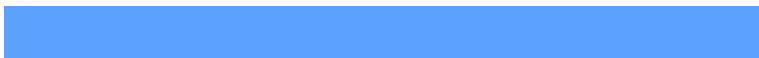
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



159.1010, -29.6298, 77.0874



126.5150, -1.7329, -97.7987



151.3840, 51.0827, -51.2028

Complementary

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



159.1010, -29.6298, 77.0874



186.8990, 29.6298, -77.0874

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.



132.3820, 60.4507, -116.0990



159.1010, -29.6298, 77.0874



129.2460, 23.0497, -113.3487

Square

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



159.1010, -29.6298, 77.0874



147.7850, -34.4040, -25.2444



133.5440, 44.5948, -117.1181



165.4420, 36.7571, 17.1524

Rectangle

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



159.1010, -29.6298, 77.0874



155.4840, -51.0176, 30.2705



133.5440, 44.5948, -117.1181



135.1720, 59.0752, -94.8668

Sweetspot

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



159.1010, -29.6298, 77.0874



227.4500, -9.0958, 24.1614



157.2740, 31.9099, 78.6897



111.1930, -6.0111, 14.7397



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.



159.1010, -29.6298, 77.0874



145.9740, -36.9622, 95.6158



201.3650, -50.4659, 40.0219



114.7620, -2.3477, 6.3477



75.5720, -37.2570, 96.8454



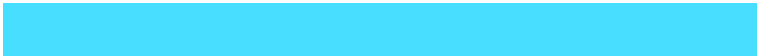
24.0980, -11.8803, 30.6091

Inverse Universe

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



186.8990, 29.6298, -77.0874



180.6130, 36.6728, -96.1306



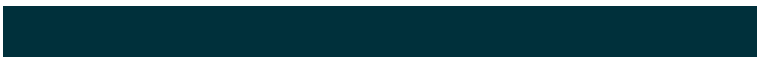
144.6350, 50.4659, -40.0219



117.2380, 2.3477, -6.3477



110.4280, 37.2570, -96.8454



34.9020, 11.8803, -30.6091

Previews

White Background



This preview shows how the YUV color 159.1010, -29.6298, 77.0874 looks on a white background.

Color Contrast Check

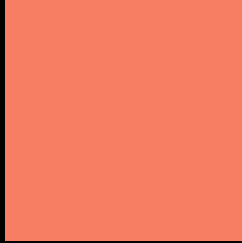
Large Text (above 18pt) WCAG AA × Fail

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 159.1010, -29.6298, 77.0874 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 159.1010, -29.6298, 77.0874

Background



This preview shows how black text looks on a background with the YUV color 159.1010, -29.6298, 77.0874.



This preview shows how white text looks on a background with the YUV color 159.1010, -29.6298, 77.0874.

77.0874.

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

159.1010, -29.6298, 77.0874

Protanopia

159.4150, -22.8826, 12.7910

Deuteranopia

159.7180, -32.3990, 31.8193



Tritanopia

160.8850, -15.2263, 77.2769

Trichromacy



Original Color

159.1010, -29.6298, 77.0874

Protanomaly

159.2870, -25.2845, 36.5823

Deuteranomaly

159.7570, -31.4322, 48.4481

Tritanomaly

159.9190, -20.1731, 77.2470

Monochromacy



Original Color

159.1010, -29.6298, 77.0874

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0160, -10.8539, 28.0500

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1010, -29.6298, 77.0874 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(247, 126, 99)` looks like.

```
.text, #text, p{  
    color:rgb(247, 126, 99)  
}
```

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(247, 126, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 126, 99) }
```

Border

The CSS property to change the border of an element to YUV 159.1010, -29.6298, 77.0874 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(247, 126, 99) }
```


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

```
.border{ border-color:rgb(247, 126, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 126, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 126, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 126, 99);  
box-shadow:4px 4px 4px 4px rgb(247, 126,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 159.1010, -29.6298, 77.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 126, 99) }
```

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

```
.background{ background-color: rgb(247,  
126, 99) }
```

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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