

Converting Colors

YUV(139.0090, -30.0774,
80.6761)

Have a look what the booklet for
YUV(139.0090, -30.0774, 80.6761)
contains.

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Color

**YUV(139.0090, -30.0774,
80.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	E7684E
RGB	231, 104, 78
RGB Percent	91%, 41%, 31%
CMY	0.0941, 0.5922, 0.6941
CMYK	0.00, 0.55, 0.66, 0.09
HSL	10°, 76%, 61%
HSV	10°, 66%, 91%
XYZ	39.2805, 27.4396, 10.4338
YIQ	139.0090, 84.0380, 18.8380

Conversions

Conversions Part 2

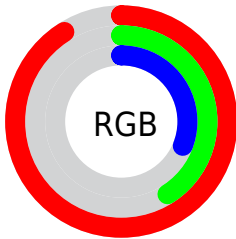
Format	Color
R_{YB}	231, 109, 78
Decimal	15165518
CIE _{Lab}	59.38, 47.52, 38.44
CIE _{LCh}	59, 61.126, 38.969
Yxy	27.4396, 0.5091, 0.3556
Android (android.graphics.Color)	4293355598 (0xFFE7684E)
YUV	139.0090, -30.0774, 80.6761
Hunter-Lab	52.3828, 42.1823, 24.8584

Details

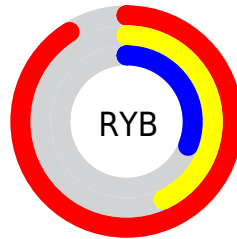
The YUV color **139.0090, -30.0774, 80.6761** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **169.9910, 30.0774, -80.6761**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5830, -27.4024, 62.6327**, and **83.5290, -25.4038, 74.9581** is the 20% darker color. If you saturate the color by 10%, you get **125.2340, -34.6254, 92.7568**, and if you desaturate by 10%, it is **152.7840, -25.5295, 68.5954**.

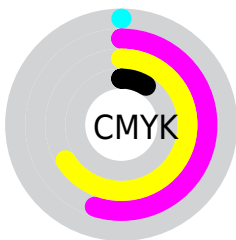
Distribution



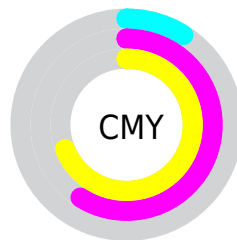
- Red (91%)
- Green (41%)
- Blue (31%)



- Red (91%)
- Yellow (43%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.0090, -30.0774, 80.6761 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 139.0090, -30.0774, 80.6761 by changing the saturation by 10% instead.

■ 139.0090,
-30.0774, 80.6761

■ 139.0090,
-30.0774, 80.6761

■ 255.0000, 0.0000,
0.0000

■ 111.2690,
-27.7406, 77.8171

■ 183.5830,
-27.4024, 62.6327

■ 83.5290, -25.4038,
74.9581

■ 202.9830,
-24.1486, 45.6189

■ 54.4410, -21.9094,
74.1582

■ 223.0840,
-20.7474, 27.9903

■ 32.5910, -16.0674,
67.0107

■ 243.2990,
-16.9094, 10.2618

■ 23.6210, -11.6452,
48.5674

■ 252.9480, -7.8624,
1.7996

■ 16.3740, -7.0864,
32.9980

■ 1.4950, -0.7370,

3.0739

■ 0.0000, 0.0000,
0.0000

■ 139.0090,
-30.0774, 80.6761

■ 139.0090,
-30.0774, 80.6761

■ 125.2340,
-34.6254, 92.7568

■ 152.7840,
-25.5295, 68.5954

■ 111.4590,
-39.1733, 104.8375

■ 166.5590,
-20.9816, 56.5148

■ 97.0970, -43.4318,
117.4329

■ 180.9210,
-16.7231, 43.9193

■ 91.9620, -45.3373,
121.9363

■ 194.6960,
-12.1751, 31.8386

■ 208.5850, -7.1904,
19.6580

■ 222.3600, -2.6425,
7.5773

■ 236.1350, 1.9054,
-4.5034

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



139.2960, -5.0759, 88.3174



139.0090, -30.0774, 80.6761



137.8660, -50.2199, 54.4915

Triad

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



139.0090, -30.0774, 80.6761



109.0700, -3.4855, -95.6544



127.9780, 60.1568, -68.3867

Complementary

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



139.0090, -30.0774, 80.6761



169.9910, 30.0774, -80.6761

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.



121.0350, 60.1287, -106.1477



139.0090, -30.0774, 80.6761



116.6280, 20.3964, -102.2828

Square

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



139.0090, -30.0774, 80.6761



128.2640, -37.5982, -27.4185



121.8550, 42.9625, -106.8668



146.5390, 39.6673, 17.0673

Rectangle

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



139.0090, -30.0774, 80.6761



135.2470, -58.2958, 31.3554



121.8550, 42.9625, -106.8668



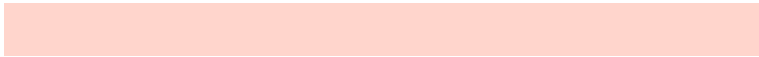
116.6640, 66.2276, -102.3143

Sweetspot

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



139.0090, -30.0774, 80.6761



224.5320, -10.1223, 26.7204



138.2250, 32.9201, 81.3637



109.2040, -6.0166, 16.4841



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.



139.0090, -30.0774, 80.6761



134.0570, -39.4681, 106.0670



183.6210, -52.0712, 41.5514



107.7620, -2.3477, 6.3477



71.1310, -35.0676, 94.6011



20.5320, -10.1223, 26.7204

Inverse Universe

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



169.9910, 30.0774, -80.6761



174.9430, 39.4681, -106.0670



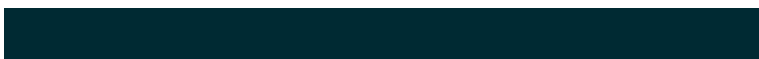
125.3790, 52.0712, -41.5514



110.2380, 2.3477, -6.3477



107.2820, 35.3570, -94.0863



30.4680, 10.1223, -26.7204

Previews

White Background



This preview shows how the YUV color 139.0090, -30.0774, 80.6761 looks on a white 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

Black Background



This preview shows how the YUV color 139.0090, -30.0774, 80.6761 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 × Fail

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

YUV 139.0090, -30.0774, 80.6761 Background



This preview shows how black text looks on a background with the YUV color 139.0090, -30.0774, 80.6761.



This preview shows how white text looks on a background with the YUV color 139.0090, -30.0774,

80.6761.

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

139.0090, -30.0774, 80.6761

Protanopia

141.0730, -24.1930, 13.0910

Deuteranopia

141.5500, -34.2881, 31.0897



Tritanopia

140.2660, -16.4001, 80.4507

Trichromacy



Original Color

139.0090, -30.0774, 80.6761

Protanomaly

140.3580, -26.3055, 37.3970

Deuteranomaly

140.7140, -32.8900, 49.3628

Tritanomaly

139.5990, -21.4943, 81.0357

Monochromacy



Original Color

139.0090, -30.0774, 80.6761

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.7280, -10.7119, 29.1795

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.0090, -30.0774, 80.6761 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(231, 104, 78)` looks like.

```
.text, #text, p{  
    color:rgb(231, 104, 78)  
}
```

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(231, 104, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 104, 78) }
```

Border

The CSS property to change the border of an element to YUV 139.0090, -30.0774, 80.6761 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(231, 104, 78) }
```


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

```
.border{ border-color:rgb(231, 104, 78) }
```

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

Here you see how a box with a 4 pixel rgb(231, 104, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 104, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 104, 78);  
box-shadow:4px 4px 4px 4px rgb(231, 104,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 139.0090, -30.0774, 80.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 104, 78) }
```

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

```
.background{ background-color: rgb(231,  
104, 78) }
```

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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