

Converting Colors

YUV(145.9810, -27.5986,
78.9467)

Have a look what the booklet for
YUV(145.9810, -27.5986, 78.9467)
contains.

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Color

**YUV(145.9810, -27.5986,
78.9467)**

Conversions

Conversions Part 1

Format	Color
Hex	EC6F5A
RGB	236, 111, 90
RGB Percent	93%, 44%, 35%
CMY	0.0745, 0.5647, 0.6471
CMYK	0.00, 0.53, 0.62, 0.07
HSL	9°, 79%, 64%
HSV	9°, 62%, 93%
XYZ	42.1220, 29.9399, 13.2318
YIQ	145.9810, 81.2410, 19.9690

Conversions

Conversions Part 2

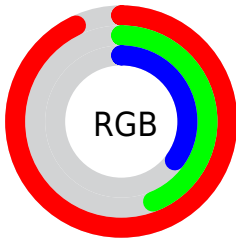
Format	Color
R_{YB}	236, 115, 90
Decimal	15495002
CIE _{Lab}	61.60, 46.71, 34.73
CIE _{LCh}	62, 58.211, 36.632
Yxy	29.9399, 0.4938, 0.3510
Android (android.graphics.Color)	4293685082 (0xFFEC6F5A)
YUV	145.9810, -27.5986, 78.9467
Hunter-Lab	54.7174, 41.6556, 23.9647

Details

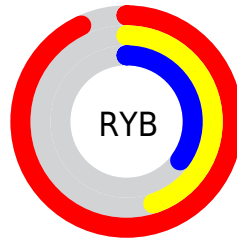
The YUV color **145.9810, -27.5986, 78.9467** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **180.0190, 27.5986, -78.9467**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1740, -23.7498, 57.7294**, and **91.2730, -23.7986, 73.4286** is the 20% darker color. If you saturate the color by 10%, you get **131.5050, -32.2940, 91.6421**, and if you desaturate by 10%, it is **160.4570, -22.9033, 66.2512**.

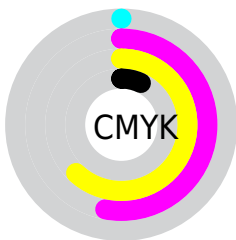
Distribution



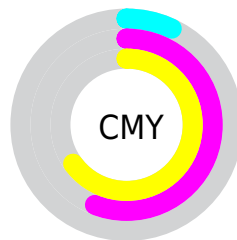
- Red (93%)
- Green (44%)
- Blue (35%)



- Red (93%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (53%)
- Yellow (62%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9810, -27.5986, 78.9467 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 145.9810, -27.5986, 78.9467 by changing the saturation by 10% instead.

■ 145.9810,
-27.5986, 78.9467

■ 145.9810,
-27.5986, 78.9467

■ 255.0000, 0.0000,
0.0000

■ 118.1270,
-25.6986, 76.1876

■ 189.1740,
-23.7498, 57.7294

■ 91.2730, -23.7986,
73.4286

■ 208.5740,
-20.4960, 40.7156

■ 62.5870, -20.0094,
71.3992

■ 228.6750,
-17.0948, 23.0870

■ 34.3850, -16.9518,
70.6994

■ 248.8900,
-13.2568, 5.3585

■ 25.4150, -12.5296,
52.2560

■ 254.5440, -1.7472,
0.3999

■ 17.4560, -8.1128,
35.5571

■ 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 145.9810,
-27.5986, 78.9467

■ 145.9810,
-27.5986, 78.9467

■ 131.5050,
-32.2940, 91.6421

■ 160.4570,
-22.9033, 66.2512

■ 117.1430,
-36.5525, 104.2376

■ 174.8190,
-18.6448, 53.6557

■ 102.0800,
-40.9584, 117.4478

■ 189.8820,
-14.2388, 40.4455

■ 90.5220, -44.6273,
127.5842

■ 204.2440, -9.9803,
27.8500

■ 218.7200, -5.2850,
15.1546

■ 233.1960, -0.5896,
2.4591

■ 247.5580, 3.6689,
-10.1364

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



146.9040, -3.8967, 83.3992



145.9810, -27.5986, 78.9467



144.9030, -46.2942, 55.3361

Triad

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



145.9810, -27.5986, 78.9467



112.4610, -3.1853, -98.6283



134.2940, 57.5361, -67.7868

Complementary

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



145.9810, -27.5986, 78.9467



180.0190, 27.5986, -78.9467

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.



124.5570, 58.3924, -109.2365



145.9810, -27.5986, 78.9467



120.2640, 19.0968, -105.4715

Square

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



145.9810, -27.5986, 78.9467



135.7100, -37.3250, -21.6707



124.7900, 41.5155, -109.4408



152.3920, 39.2467, 11.9342

Rectangle

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



145.9810, -27.5986, 78.9467



142.7510, -52.6282, 33.5444



124.7900, 41.5155, -109.4408



120.3000, 64.9281, -105.5031

Sweetspot

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



145.9810, -27.5986, 78.9467



225.4610, -9.1013, 25.9057



148.1320, 33.9519, 77.0602



109.3180, -5.5798, 16.3841



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.



145.9810, -27.5986, 78.9467



138.3600, -35.6735, 102.2933



187.6580, -48.1454, 42.3959



109.8760, -1.9109, 6.2477



69.3810, -34.2048, 97.8899



20.8420, -10.2751, 29.0796

Inverse Universe

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



180.0190, 27.5986, -78.9467



182.6400, 35.6735, -102.2933



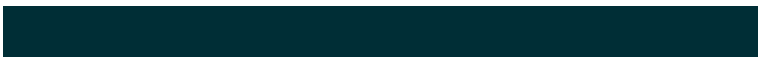
138.3420, 48.1454, -42.3959



113.1240, 1.9109, -6.2477



111.6190, 34.2048, -97.8899



33.1580, 10.2751, -29.0796

Previews

White Background



This preview shows how the YUV color 145.9810, -27.5986, 78.9467 looks on a white background.

Color Contrast Check

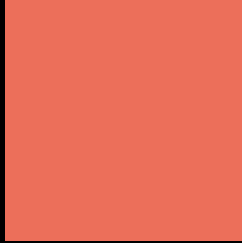
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.9810, -27.5986, 78.9467 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 145.9810, -27.5986, 78.9467

Background



This preview shows how black text looks on a background with the YUV color 145.9810, -27.5986, 78.9467.



This preview shows how white text looks on a background with the YUV color 145.9810, -27.5986, 78.9467.

78.9467.

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

145.9810, -27.5986, 78.9467

Protanopia

147.5720, -20.9880, 11.7764

Deuteranopia

147.3480, -31.2306, 30.3898



Tritanopia

147.3690, -15.9579, 78.6064

Trichromacy



Original Color

145.9810, -27.5986, 78.9467

Protanomaly

146.8570, -23.1005, 36.0824

Deuteranomaly

147.0990, -30.1218, 48.1482

Tritanomaly

146.9300, -20.1785, 78.9914

Monochromacy



Original Color

145.9810, -27.5986, 78.9467

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9560, -9.8383, 28.9796

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9810, -27.5986, 78.9467 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(236, 111, 90)` looks like.

```
.text, #text, p{  
    color:rgb(236, 111, 90)  
}
```

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(236, 111, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 111, 90) }
```

Border

The CSS property to change the border of an element to YUV 145.9810, -27.5986, 78.9467 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(236, 111, 90) }
```


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

```
.border{ border-color:rgb(236, 111, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 111, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 111, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 111, 90);  
box-shadow:4px 4px 4px 4px rgb(236, 111,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 145.9810, -27.5986, 78.9467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 111, 90) }
```

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

```
.background{ background-color: rgb(236,  
111, 90) }
```

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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