

Converting Colors

YUV(144.6980, -24.9941,
83.5799)

Have a look what the booklet for
YUV(144.6980, -24.9941, 83.5799)
contains.

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Color

**YUV(144.6980, -24.9941,
83.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	F06A5E
RGB	240, 106, 94
RGB Percent	94%, 42%, 37%
CMY	0.0588, 0.5843, 0.6314
CMYK	0.00, 0.56, 0.61, 0.06
HSL	5°, 83%, 65%
HSV	5°, 61%, 94%
XYZ	43.1096, 29.6415, 14.0389
YIQ	144.6980, 83.7160, 24.6760

Conversions

Conversions Part 2

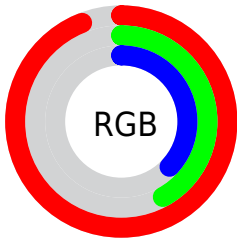
Format	Color
RYB	240, 107, 94
Decimal	15755870
CIELab	61.34, 50.78, 32.31
CIElCh	61, 60.193, 32.467
Yxy	29.6415, 0.4967, 0.3415
Android (android.graphics.Color)	4293945950 (0xFFFF06A5E)
YUV	144.6980, -24.9941, 83.5799
Hunter-Lab	54.4440, 46.0621, 22.8223

Details

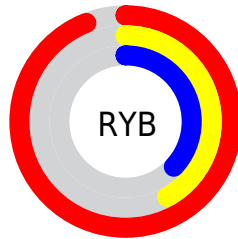
The YUV color **144.6980, -24.9941, 83.5799** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **189.3020, 24.9941, -83.5799**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2820, -20.8450, 59.3887**, and **88.5170, -20.4679, 78.4766** is the 20% darker color. If you saturate the color by 10%, you get **129.0480, -29.1107, 97.3049**, and if you desaturate by 10%, it is **160.3480, -20.8776, 69.8548**.

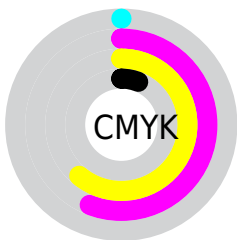
Distribution



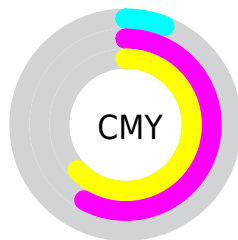
- Red (94%)
- Green (42%)
- Blue (37%)



- Red (94%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (56%)
- Yellow (61%)
- Black (6%)



- Cyan (6%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6980, -24.9941, 83.5799 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 144.6980, -24.9941, 83.5799 by changing the saturation by 10% instead.

144.6980,
-24.9941, 83.5799

144.6980,
-24.9941, 83.5799

255.0000, 0.0000,
0.0000

116.8440,
-23.0941, 80.8208

187.2820,
-20.8450, 59.3887

88.5170, -20.4679,
78.4766

206.6820,
-17.5912, 42.3749

57.7820, -15.6685,
79.1212

226.8970,
-13.7532, 24.6463

35.5100, -16.5204,
72.3437

247.1120, -9.9152,
6.9178

26.3120, -12.9718,
54.1004

18.4670, -8.1182,
37.3014

8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 144.6980,
-24.9941, 83.5799

■ 144.6980,
-24.9941, 83.5799

■ 129.0480,
-29.1107, 97.3049

■ 160.3480,
-20.8776, 69.8548

■ 113.3980,
-33.2272, 111.0300

■ 175.9980,
-16.7610, 56.1298

■ 97.7480, -37.3438,
124.7550

■ 191.6480,
-12.6445, 42.4047

■ 83.5000, -41.1655,
137.2505

■ 207.2980, -8.5279,
28.6797

■ 222.9480, -4.4114,
14.9546

■ 238.5980, -0.2948,
1.2296

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



146.2400, -0.1183, 84.8585



144.6980, -24.9941, 83.5799



144.3490, -46.0211, 61.0839

Triad

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



144.6980, -24.9941, 83.5799



115.8170, -9.7698, -86.6625



118.8810, 67.1067, -104.2586

Complementary

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



144.6980, -24.9941, 83.5799



189.3020, 24.9941, -83.5799

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.



125.0300, 57.6662, -109.6513



144.6980, -24.9941, 83.5799



118.7650, 15.8919, -104.1569

Square

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



144.6980, -24.9941, 83.5799



135.1900, -41.9987, -15.9526



124.8070, 39.0421, -109.4557



150.9610, 42.9102, 3.5422

Rectangle

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



144.6980, -24.9941, 83.5799



142.2140, -54.8285, 39.2773



124.8070, 39.0421, -109.4557



121.7020, 65.2229, -106.7327

Sweetspot

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



144.6980, -24.9941, 83.5799



225.1020, -7.9383, 26.2205



153.1580, 37.8831, 76.1604



109.4320, -5.1430, 16.2841



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.



144.6980, -24.9941, 83.5799



133.4190, -31.7586, 106.6265



186.3750, -45.5409, 47.0291



112.1750, -2.0583, 6.8625



63.8210, -31.4638, 105.3970



19.6790, -9.7017, 31.8535

Inverse Universe

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



189.3020, 24.9941, -83.5799



190.5810, 31.7586, -106.6265



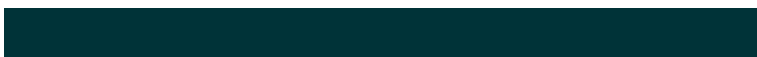
147.6250, 45.5409, -47.0291



115.8250, 2.0583, -6.8625



120.1790, 31.4638, -105.3970



36.3210, 9.7017, -31.8535

Previews

White Background



This preview shows how the YUV color 144.6980, -24.9941, 83.5799 looks on a white background.

Color Contrast Check

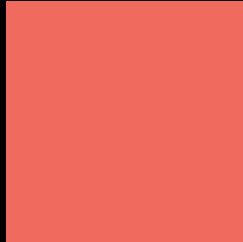
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.6980, -24.9941, 83.5799 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 144.6980, -24.9941, 83.5799

Background



This preview shows how black text looks on a background with the YUV color 144.6980, -24.9941, 83.5799.



This preview shows how white text looks on a background with the YUV color 144.6980, -24.9941,

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

144.6980, -24.9941, 83.5799

Protanopia

147.0710, -17.7830, 10.4617

Deuteranopia

147.2060, -29.1886, 28.7603



Tritanopia

145.6470, -17.5740, 83.6246

Trichromacy



Original Color

144.6980, -24.9941, 83.5799

Protanomaly

146.2530, -20.3377, 36.6121

Deuteranomaly

146.3810, -27.7958, 48.7779

Tritanomaly

145.5500, -20.4841, 83.7097

Monochromacy



Original Color

144.6980, -24.9941, 83.5799

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0810, -9.4069, 30.6240

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6980, -24.9941, 83.5799 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(240, 106, 94)` looks like.

```
.text, #text, p{  
    color:rgb(240, 106, 94)  
}
```

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(240, 106, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 106, 94) }
```

Border

The CSS property to change the border of an element to YUV 144.6980, -24.9941, 83.5799 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(240, 106, 94) }
```


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

```
.border{ border-color:rgb(240, 106, 94) }
```

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

Here you see how a box with a 4 pixel rgb(240, 106, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 106, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 106, 94);  
box-shadow:4px 4px 4px 4px rgb(240, 106,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 144.6980, -24.9941, 83.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 106, 94) }
```

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

```
.background{ background-color: rgb(240,  
106, 94) }
```

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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