

Converting Colors

YUV(144.1850, -16.8532,
85.7838)

Have a look what the booklet for
YUV(144.1850, -16.8532, 85.7838)
contains.

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Color

**YUV(144.1850, -16.8532,
85.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	F2656E
RGB	242, 101, 110
RGB Percent	95%, 40%, 43%
CMY	0.0510, 0.6039, 0.5686
CMYK	0.00, 0.58, 0.55, 0.05
HSL	356°, 84%, 67%
HSV	356°, 58%, 95%
XYZ	44.0861, 29.3104, 18.0857
YIQ	144.1850, 81.1470, 32.6910

Conversions

Conversions Part 2

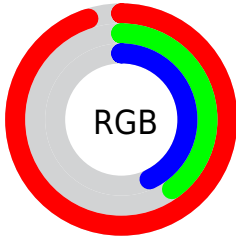
Format	Color
R _Y B	242, 101, 110
Decimal	15885678
CIE Lab	61.05, 54.91, 22.91
CIE LCh	61, 59.499, 22.650
Yxy	29.3104, 0.4819, 0.3204
Android (android.graphics.Color)	4294075758 (0xFFFF2656E)
YUV	144.1850, -16.8532, 85.7838
Hunter-Lab	54.1391, 50.6113, 18.0909

Details

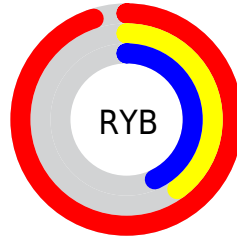
The YUV color **144.1850, -16.8532, 85.7838** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **198.8150, 16.8532, -85.7838**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7580, -12.6987, 59.8482**, and **86.8300, -11.7482, 81.7101** is the 20% darker color. If you saturate the color by 10%, you get **127.4750, -19.9542, 100.4384**, and if you desaturate by 10%, it is **160.8950, -13.7522, 71.1291**.

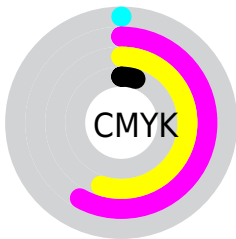
Distribution



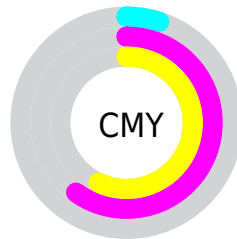
- Red (95%)
- Green (40%)
- Blue (43%)



- Red (95%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (5%)



- Cyan (5%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.1850, -16.8532, 85.7838 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 144.1850, -16.8532, 85.7838 by changing the saturation by 10% instead.

144.1850,
-16.8532, 85.7838

144.1850,
-16.8532, 85.7838

255.0000, 0.0000,
0.0000

115.7440,
-14.6638, 83.5395

186.7580,
-12.6987, 59.8482

86.8300, -11.7482,
81.7101

206.2720, -9.0081,
42.7345

50.1110, -4.4917,
87.6027

226.4870, -5.1701,
25.0059

38.2740, -8.5161,
71.6737

246.8160, -0.8953,
7.1774

27.2090, -13.4140,
55.9447

19.0650, -8.4130,
38.5310

9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 144.1850,
-16.8532, 85.7838

■ 144.1850,
-16.8532, 85.7838

■ 127.4750,
-19.9542, 100.4384

■ 160.8950,
-13.7522, 71.1291

■ 110.8790,
-22.6183, 114.9931

■ 177.4910,
-11.0881, 56.5744

■ 93.5820, -25.4299,
130.1626

■ 194.7880, -8.2765,
41.4049

■ 76.8720, -28.5309,
144.8173

■ 211.4980, -5.1755,
26.7503

■ 74.0680, -29.1205,
147.2764

■ 228.0940, -2.5113,
12.1956

■ 244.8040, 0.5896,
-2.4591

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



147.2590, 7.7603, 77.8259



144.1850, -16.8532, 85.7838



143.8260, -39.3542, 69.4356

Triad

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



144.1850, -16.8532, 85.7838



127.4810, -23.4081, -52.1648



120.8870, 64.6387, -106.0179

Complementary

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



144.1850, -16.8532, 85.7838



198.8150, 16.8532, -85.7838

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.



124.8360, 51.8459, -109.4812



144.1850, -16.8532, 85.7838



116.0120, 7.8821, -101.7425

Square

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



144.1850, -16.8532, 85.7838



136.7960, -47.7204, -0.6981



122.1680, 31.4692, -107.1413



146.5990, 48.5117, -19.8193

Rectangle

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



144.1850, -16.8532, 85.7838



143.0180, -50.7879, 49.9732



122.1680, 31.4692, -107.1413



123.3660, 61.4446, -108.1920

Sweetspot

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



144.1850, -16.8532, 85.7838



225.0850, -5.4649, 26.2355



156.5420, 42.1308, 67.0537



110.0020, -2.9590, 15.7842



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.



144.1850, -16.8532, 85.7838



131.4760, -21.4337, 108.3305



178.9660, -38.4372, 55.2808



111.7020, -1.3321, 7.2773



56.3840, -21.8813, 111.9192



17.2000, -6.5076, 34.0276

Inverse Universe

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



144.1850, -16.8532, 85.7838



131.4760, -21.4337, 108.3305



164.0340, 38.4372, -55.2808



111.7020, -1.3321, 7.2773



56.3840, -21.8813, 111.9192



17.2000, -6.5076, 34.0276

Previews

White Background



This preview shows how the YUV color 144.1850, -16.8532, 85.7838 looks on a white background.

Color Contrast Check

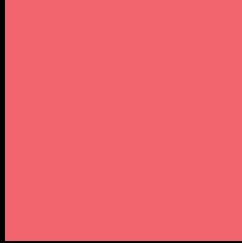
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.1850, -16.8532, 85.7838 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 144.1850, -16.8532, 85.7838

Background



This preview shows how black text looks on a background with the YUV color 144.1850, -16.8532, 85.7838.



This preview shows how white text looks on a background with the YUV color 144.1850, -16.8532, 85.7838.

85.7838.

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

144.1850, -16.8532, 85.7838

Protanopia

147.3830, -7.5838, 5.8031

Deuteranopia

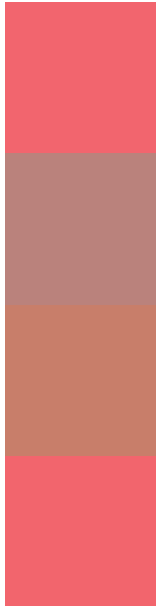
147.1330, -21.7576, 25.3164



Tritanopia

143.9570, -17.7268, 85.9837

Trichromacy



Original Color

144.1850, -16.8532, 85.7838

Protanomaly

146.0600, -10.8756, 35.0274

Deuteranomaly

145.8460, -19.6441, 47.4931

Tritanomaly

144.0710, -17.2900, 85.8837

Monochromacy



Original Color

144.1850, -16.8532, 85.7838

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.0040, -5.9180, 31.5685

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.1850, -16.8532, 85.7838 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(242, 101, 110)` looks like.

```
.text, #text, p{  
    color:rgb(242, 101, 110)  
}
```

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(242, 101, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 101, 110) }
```

Border

The CSS property to change the border of an element to YUV 144.1850, -16.8532, 85.7838 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(242, 101, 110) }
```


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

```
.border{ border-color:rgb(242, 101, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 101, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 101, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 101, 110);  
box-shadow:4px 4px 4px 4px rgb(242, 101,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 144.1850, -16.8532, 85.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 101, 110) }
```

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

```
.background{ background-color: rgb(242,  
101, 110) }
```

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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