

Converting Colors

YIQ(138.3500, 84.8160, 26.7680)

Have a look what the booklet for
YIQ(138.3500, 84.8160, 26.7680)
contains.

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Color

**YIQ(138.3500, 84.8160,
26.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	EC625A
RGB	236, 98, 90
RGB Percent	93%, 38%, 35%
CMY	0.0742, 0.6159, 0.6467
CMYK	0.00, 0.59, 0.62, 0.07
HSL	3°, 79%, 64%
HSV	3°, 62%, 93%
XYZ	40.8309, 27.3112, 12.8119
YIQ	138.3500, 84.8160, 26.7680

Conversions

Conversions Part 2

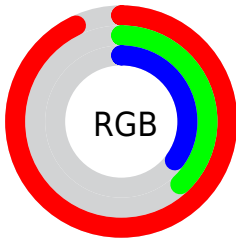
Format	Color
R_{YB}	236, 98, 90
Decimal	15491674
CIE _{Lab}	59.26, 52.87, 31.76
CIE _{LCh}	59, 61.673, 30.991
Yxy	27.3112, 0.5044, 0.3374
Android (android.graphics.Color)	4293681754 (0xFFEC625A)
YUV	138.3500, -23.8365, 85.6391
Hunter-Lab	52.2601, 48.0072, 22.0467

Details

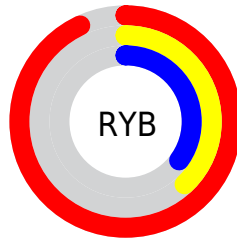
The YIQ color **138.3500, 84.8160, 26.7680** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **187.6500, -84.8160, -26.7680**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **182.0160, 64.9650, 17.5810**, and **81.6960, 78.0300, 28.6060** is the 20% darker color. If you saturate the color by 10%, you get **122.7000, 98.5700, 30.8100**, and if you desaturate by 10%, it is **154.0000, 71.0620, 22.7260**.

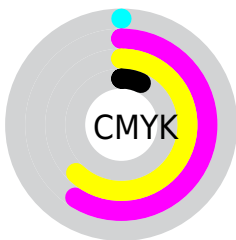
Distribution



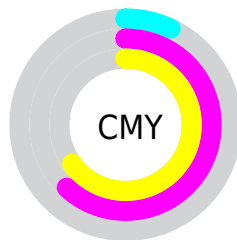
- Red (93%)
- Green (38%)
- Blue (35%)



- Red (93%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (59%)
- Yellow (62%)
- Black (7%)





- Cyan (7%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.3500, 84.8160, 26.7680 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 YIQ color 138.3500, 84.8160, 26.7680 by changing the saturation by 10% instead.


 138.3500, 84.8160,
26.7680


 138.3500, 84.8160,
26.7680


255.0000, -0.0000,
-0.0000


 109.9090, 81.7440,
27.3760


 182.0160, 64.9650,
17.5810


 81.1090, 78.3050,
29.1290


 201.5300, 48.5980,
11.3340

 45.6780, 78.4410,
37.6810


 221.6310, 31.9560,
4.5640

 34.0860, 67.9440,
24.1680

 241.8460, 14.9930,
-1.8950

 25.1160, 50.0640,
17.8080

254.5440, 1.2840,
-1.2440

 17.2710, 33.3300,
12.7060

 4.7840, 9.5360,

3.3920

■ 0.0000, 0.0000,
0.0000

■ 138.3500, 84.8160,
26.7680

■ 138.3500, 84.8160,
26.7680

■ 122.7000, 98.5700,
30.8100

■ 154.0000, 71.0620,
22.7260

■ 106.5770,
112.2780, 35.6860

■ 170.1230, 57.3540,
17.8500

■ 90.9270, 126.0320,
39.7280

■ 185.7730, 43.6000,
13.8080

■ 78.1950, 137.0810,
43.2330

■ 201.4230, 29.8460,
9.7660

■ 217.5460, 16.1380,
4.8900

■ 233.1960, 2.3840,
0.8480

■ 248.7320,
-11.0490, -3.5050

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



139.7070, 71.4700, 48.3820



138.3500, 84.8160, 26.7680



138.3600, 77.7150, -4.2450

Triad

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



138.3500, 84.8160, 26.7680



106.1860, -73.0270, -58.7150



115.4900, -121.2710, 0.6570

Complementary

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



138.3500, 84.8160, 26.7680



187.6500, -84.8160, -26.7680

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.



122.1120, -120.6270, -11.0190



138.3500, 84.8160, 26.7680



114.9180, -92.1030, -43.3910

Square

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



138.3500, 84.8160, 26.7680



130.1040, 12.5250, -45.2910



120.4870, -109.1620, -26.0740



144.5090, -24.8570, 37.5030

Rectangle

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



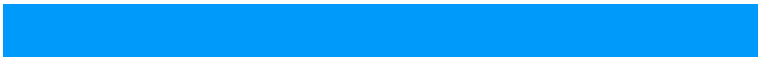
138.3500, 84.8160, 26.7680



135.9540, 66.3940, -24.8540



120.4870, -109.1620, -26.0740



118.8980, -122.6000, -2.7920

Sweetspot

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



138.3500, 84.8160, 26.7680



222.5260, 28.0580, 9.1300



149.5000, 42.3970, 74.1810



108.1440, 17.3300, 5.3140



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.



138.3500, 84.8160, 26.7680



128.3810, 109.8940, 34.8380



180.6140, 65.0160, -10.8880



109.2890, 6.5560, 2.3320



59.9890, 105.1260, 33.1420



17.9070, 31.3590, 9.8790

Inverse Universe

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



187.6500, -84.8160, -26.7680



192.6190, -109.8940, -34.8380



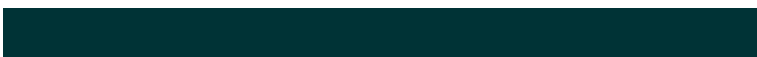
145.3860, -65.0160, 10.8880



113.7110, -6.5560, -2.3320



121.0110, -105.1260, -33.1420



36.0930, -31.3590, -9.8790

Previews

White Background



This preview shows how the YIQ color 138.3500, 84.8160, 26.7680 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 YIQ color 138.3500, 84.8160, 26.7680 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](#).

YIQ 138.3500, 84.8160, 26.7680

Background



This preview shows how black text looks on a background with the YIQ color 138.3500, 84.8160, 26.7680.



This preview shows how white text looks on a background with the YIQ color 138.3500, 84.8160,

26.7680.

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

138.3500, 84.8160, 26.7680

Protanopia

142.0000, 17.1950, -8.7650

Deuteranopia

141.9070, 39.3860, -8.9500



Tritanopia

138.8430, 82.1100, 31.7580

Trichromacy



Original Color

138.3500, 84.8160, 26.7680

Protanomaly

140.7800, 41.7220, 3.7860

Deuteranomaly

140.9080, 55.9810, 4.1810

Tritanomaly

138.9740, 83.1190, 29.9910

Monochromacy



Original Color

138.3500, 84.8160, 26.7680

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0210, 31.0380, 10.1900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3500, 84.8160, 26.7680 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, 98, 90)` looks like.

```
.text, #text, p{  
    color:rgb(236, 98, 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, 98, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 98, 90) }
```

Border

The CSS property to change the border of an element to YIQ 138.3500, 84.8160, 26.7680 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, 98, 90) }
```


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

```
.border{ border-color:rgb(236, 98, 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, 98, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 98, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 98, 90);  
box-shadow:4px 4px 4px 4px rgb(236, 98,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3500, 84.8160, 26.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 98, 90) }
```

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

```
.background{ background-color: rgb(236, 98,  
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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