

Converting Colors

YIQ(138.4480, 81.4240, 22.1600)

Have a look what the booklet for
YIQ(138.4480, 81.4240, 22.1600)
contains.

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Color

**YIQ(138.4480, 81.4240,
22.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	E66656
RGB	230, 102, 86
RGB Percent	90%, 40%, 34%
CMY	0.0977, 0.6002, 0.6624
CMYK	0.00, 0.56, 0.63, 0.10
HSL	7°, 74%, 62%
HSV	7°, 63%, 90%
XYZ	39.0865, 27.0009, 11.9738
YIQ	138.4480, 81.4240, 22.1600

Conversions

Conversions Part 2

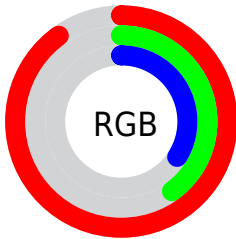
Format	Color
R _Y B	230, 104, 86
Decimal	15099478
CIE _{Lab}	58.98, 48.65, 33.45
CIE _{LCh}	59, 59.040, 34.509
Yxy	27.0009, 0.5007, 0.3459
Android (android.graphics.Color)	4293289558 (0xFFE66656)
YUV	138.4480, -25.8569, 80.2911
Hunter-Lab	51.9623, 43.3350, 22.7113

Details

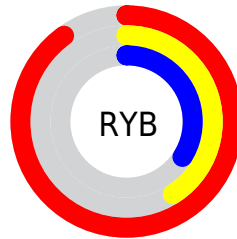
The YIQ color **138.4480, 81.4240, 22.1600** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **177.5520, -81.4240, -22.1600**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3210, 65.4240, 14.7680**, and **83.2670, 74.6840, 23.1640** is the 20% darker color. If you saturate the color by 10%, you get **123.4990, 94.5820, 25.9900**, and if you desaturate by 10%, it is **152.8100, 68.5410, 18.8530**.

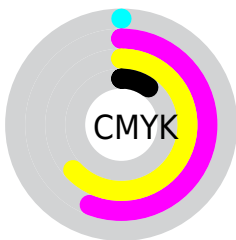
Distribution



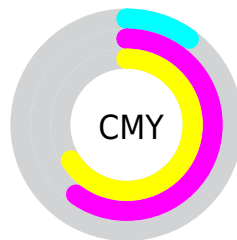
- Red (90%)
- Green (40%)
- Blue (34%)



- Red (90%)
- Yellow (41%)
- Blue (34%)



- Cyan (0%)
- Magenta (56%)
- Yellow (63%)
- Black (10%)





- Cyan (10%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.4480, 81.4240, 22.1600 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 138.4480, 81.4240, 22.1600 by changing the saturation by 10% instead.


 138.4480, 81.4240,
22.1600


 138.4480, 81.4240,
22.1600


255.0000, -0.0000,
-0.0000


 110.7080, 77.7560,
22.5560


 183.3210, 65.4240,
14.7680


 83.2670, 74.6840,
23.1640


 202.8350, 49.0570,
8.5210

 52.2330, 72.0240,
27.3200


 222.9360, 32.4150,
1.7510

 32.5910, 64.9640,
23.1080

 243.1510, 15.4520,
-4.7080

 23.6210, 47.0840,
16.7480

 253.9740, 2.8890,
-2.7990

 16.0750, 30.9460,
11.8580

 0.8970, 1.7880,

0.6360

■ 0.0000, 0.0000,
0.0000

■ 138.4480, 81.4240,
22.1600

■ 138.4480, 81.4240,
22.1600

■ 123.4990, 94.5820,
25.9900

■ 152.8100, 68.5410,
18.8530

■ 109.1370,
107.4650, 29.2970

■ 167.7590, 55.3830,
15.0230

■ 94.7750, 120.3480,
32.6040

■ 182.1210, 42.5000,
11.7160

■ 83.4450, 130.2050,
35.6850

■ 197.0700, 29.3420,
7.8860

■ 211.4320, 16.4590,
4.5790

■ 226.3810, 3.3010,
0.7490

■ 240.7430, -9.5820,
-2.5580

■ 247.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



139.7730, 71.1040, 44.0000



138.4480, 81.4240, 22.1600



138.0280, 72.7180, -7.2980

Triad

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



138.4480, 81.4240, 22.1600



106.5110, -75.3200, -55.7040



114.3550, -116.4570, 1.5190

Complementary

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



138.4480, 81.4240, 22.1600



177.5520, -81.4240, -22.1600

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.



120.1230, -119.1600, -10.0720



138.4480, 81.4240, 22.1600



114.9010, -93.4330, -41.3130

Square

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



138.4480, 81.4240, 22.1600



129.4500, 5.7390, -43.4530



119.5410, -109.2540, -24.4060



145.1140, -16.3750, 37.9690

Rectangle

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



138.4480, 81.4240, 22.1600



135.7190, 59.7460, -25.5180



119.5410, -109.2540, -24.4060



116.5670, -120.1700, -2.7780

Sweetspot

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



138.4480, 81.4240, 22.1600



224.2870, 27.2330, 7.5610



143.8760, 44.0940, 70.9580



108.7310, 17.0550, 4.7910



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.



138.4480, 81.4240, 22.1600



133.4360, 108.0610, 29.5090



179.5380, 62.1740, -14.4500



107.7620, 6.6020, 1.4980



65.2610, 101.1840, 27.4880



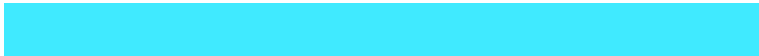
18.7710, 28.7460, 7.6740

Inverse Universe

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



177.5520, -81.4240, -22.1600



185.5640, -108.0610, -29.5090



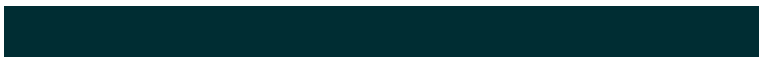
136.4620, -62.1740, 14.4500



110.2380, -6.6020, -1.4980



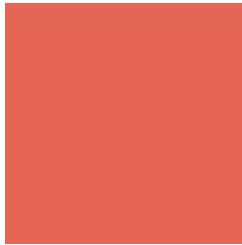
113.7390, -101.1840, -27.4880



32.2290, -28.7460, -7.6740

Previews

White Background



This preview shows how the YIQ color 138.4480, 81.4240, 22.1600 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 138.4480, 81.4240, 22.1600 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 138.4480, 81.4240, 22.1600

Background



This preview shows how black text looks on a background with the YIQ color 138.4480, 81.4240, 22.1600.



This preview shows how white text looks on a background with the YIQ color 138.4480, 81.4240,

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

138.4480, 81.4240, 22.1600

Protanopia

140.7290, 19.3960, -10.1080

Deuteranopia

140.9780, 40.6240, -9.3600



Tritanopia

139.2660, 76.4250, 30.1610

Trichromacy



Original Color

138.4480, 81.4240, 22.1600

Protanomaly

139.6120, 42.1350, 1.8070

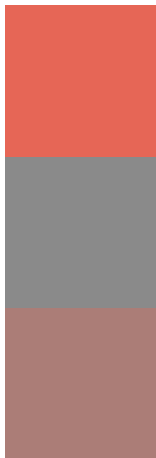
Deuteranomaly

140.1420, 55.2020, 1.7780

Tritanomaly

139.0550, 78.3970, 27.4610

Monochromacy



Original Color

138.4480, 81.4240, 22.1600

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0700, 29.3420, 7.8860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4480, 81.4240, 22.1600 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(230, 102, 86)` looks like.

```
.text, #text, p{  
    color:rgb(230, 102, 86)  
}
```

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(230, 102, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 102, 86) }
```

Border

The CSS property to change the border of an element to YIQ 138.4480, 81.4240, 22.1600 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(230, 102, 86) }
```


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

```
.border{ border-color:rgb(230, 102, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 102, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 102, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 102, 86);  
box-shadow:4px 4px 4px 4px rgb(230, 102,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4480, 81.4240, 22.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 102, 86) }
```

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

```
.background{ background-color: rgb(230,  
102, 86) }
```

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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