

# Converting Colors

YIQ(122.4090, 86.3280, 32.4080)

Have a look what the booklet for  
YIQ(122.4090, 86.3280, 32.4080)  
contains.

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# Color

**YIQ(122.4090, 86.3280,  
32.4080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E14E52
RGB	225, 78, 82
RGB Percent	88%, 31%, 32%
CMY	0.1173, 0.6943, 0.6781
CMYK	0.00, 0.65, 0.64, 0.12
HSL	358°, 71%, 59%
HSV	358°, 65%, 88%
XYZ	35.3256, 22.0725, 10.3985
YIQ	122.4090, 86.3280, 32.4080

# Conversions

## Conversions Part 2

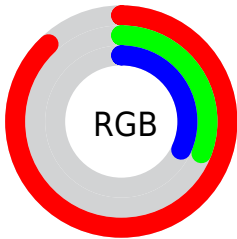
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 78, 82
Decimal	14765650
CIE Lab	54.10, 57.32, 29.45
CIE LCh	54, 64.442, 27.194
Yxy	22.0725, 0.5211, 0.3256
Android (android.graphics.Color)	4292955730 (0xFFE14E52)
YUV	122.4090, -19.9216, 89.9723
Hunter-Lab	46.9814, 51.9980, 19.7642

# Details

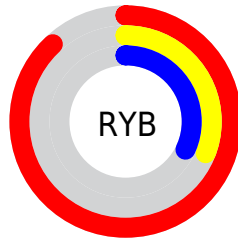
The YIQ color **122.4090, 86.3280, 32.4080** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **180.5910, -86.3280, -32.4080**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **169.8370, 73.0790, 24.7190**, and **56.4770, 83.6210, 42.9250** is the 20% darker color. If you saturate the color by 10%, you get **106.4000, 99.7150, 37.5950**, and if you desaturate by 10%, it is **137.8310, 73.2160, 27.7440**.

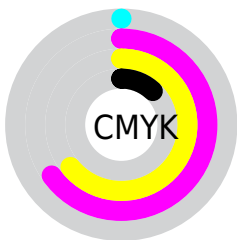
# Distribution



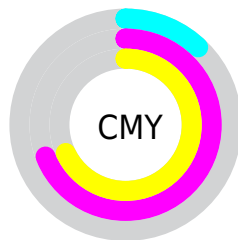
- Red (88%)
- Green (31%)
- Blue (32%)



- Red (88%)
- Yellow (31%)
- Blue (32%)



- Cyan (0%)
- Magenta (65%)
- Yellow (64%)
- Black (12%)




- Cyan (12%)
- Magenta (69%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4090, 86.3280, 32.4080 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 122.4090, 86.3280, 32.4080 by changing the saturation by 10% instead.





 122.4090, 86.3280,  
32.4080


 122.4090, 86.3280,  
32.4080


255.0000, -0.0000,  
-0.0000


 92.9080, 83.4850,  
34.3730


 169.9510, 72.7580,  
25.0300


 56.4770, 83.6210,  
42.9250


 189.3510, 56.7120,  
18.4720


 41.7050, 73.8110,  
33.4830


 209.4520, 40.0700,  
11.7020

 30.7970, 61.3880,  
21.8360

 229.5530, 23.4280,  
4.9320


 21.9410, 43.1870,  
15.7870


 249.8820, 6.1440,  
-1.2160


 13.2700, 25.9030,  
9.6390


 0.0000, 0.0000,


0.0000

 122.4090, 86.3280,  
32.4080


 122.4090, 86.3280,  
32.4080


 106.4000, 99.7150,  
37.5950


 137.8310, 73.2160,  
27.7440


 90.9780, 112.8270,  
42.2590


 153.8400, 59.8290,  
22.5570

 74.9690, 126.2140,  
47.4460

 169.2620, 46.7170,  
17.8930

 67.9590, 132.1740,  
49.5660

 185.2710, 33.3300,  
12.7060

 200.5790, 20.5390,  
7.7310

 216.5880, 7.1520,  
2.5440

■ 232.5970, -6.2350,  
-2.6430

■ 246.0300,  
-17.8800, -6.3600

# Harmonies

## Analogous

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



123.6840, 70.2770, 53.4850



122.4090, 86.3280, 32.4080



123.5070, 81.7950, -1.0930

# Triad

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



122.4090, 86.3280, 32.4080



95.4600, -62.1150, -58.2350



108.4800, -115.3110, 2.7770

# Complementary

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



122.4090, 86.3280, 32.4080



180.5910, -86.3280, -32.4080

# 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.



113.4720, -112.8330, -9.0970



122.4090, 86.3280, 32.4080



104.3060, -81.5120, -42.6000

# Square

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



122.4090, 86.3280, 32.4080



114.6890, 23.7590, -50.6490



110.8040, -99.8090, -24.8730



129.4690, -36.5480, 34.6200



# Rectangle

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



122.4090, 86.3280, 32.4080



121.5910, 71.8500, -24.6140



110.8040, -99.8090, -24.8730



111.0730, -115.7230, -0.7710

# Sweetspot

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



122.4090, 86.3280, 32.4080



219.3630, 30.0750, 11.1230



137.2160, 37.4450, 75.8210



106.3830, 18.1550, 6.8830



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.



122.4090, 86.3280, 32.4080



116.1850, 116.6780, 44.0540



162.4560, 68.6370, -4.9230



104.2890, 6.5560, 2.3320



53.1940, 103.2910, 38.8670



14.4660, 28.2870, 10.4870



# Inverse Universe

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



122.4090, 86.3280, 32.4080



116.1850, 116.6780, 44.0540



140.5440, -68.6370, 4.9230



104.2890, 6.5560, 2.3320



53.1940, 103.2910, 38.8670



14.4660, 28.2870, 10.4870



# Previews

## White Background



This preview shows how the YIQ color 122.4090, 86.3280, 32.4080 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 122.4090, 86.3280, 32.4080 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

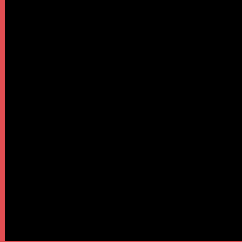
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 122.4090, 86.3280, 32.4080

## Background



This preview shows how black text looks on a background with the YIQ color 122.4090, 86.3280, 32.4080.



This preview shows how white text looks on a background with the YIQ color 122.4090, 86.3280,

32.4080.

# 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

122.4090, 86.3280, 32.4080

### Protanopia

129.3140, 13.4350, -6.7010

### Deuteranopia

128.5800, 35.9930, -8.0310



## Tritanopia

122.4090, 86.3280, 32.4080

# Trichromacy



## Original Color

122.4090, 86.3280, 32.4080

## Protanomaly

126.8170, 40.3000, 7.5320

## Deuteranomaly

126.1190, 54.0090, 6.8810

## Tritanomaly

122.4090, 86.3280, 32.4080

# Monochromacy



## Original Color

122.4090, 86.3280, 32.4080

## Achromatopsia

122.0000, 0.0000, -0.0000

## Achromatomaly

121.9610, 31.2670, 11.5470

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 122.4090, 86.3280, 32.4080 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(225, 78, 82)` looks like.

```
.text, #text, p{  
    color:rgb(225, 78, 82)  
}
```

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(225, 78, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 78, 82) }
```

## Border

The CSS property to change the border of an element to YIQ 122.4090, 86.3280, 32.4080 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(225, 78, 82) }
```



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

```
.border{ border-color:rgb(225, 78, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 78, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 78, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 78, 82);  
box-shadow:4px 4px 4px 4px rgb(225, 78,  
82) }
```

# Background

The CSS property to change the background color of an element to YIQ 122.4090, 86.3280, 32.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 78, 82) }
```

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

```
.background{ background-color: rgb(225, 78,  
82) }
```

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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