

# Converting Colors

YIQ(138.3980, 75.6930, 21.3970)

Have a look what the booklet for  
YIQ(138.3980, 75.6930, 21.3970)  
contains.

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# Color

**YIQ(138.3980, 75.6930,  
21.3970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0685B
RGB	224, 104, 91
RGB Percent	88%, 41%, 36%
CMY	0.1213, 0.5923, 0.6428
CMYK	0.00, 0.54, 0.59, 0.12
HSL	6°, 68%, 62%
HSV	6°, 59%, 88%
XYZ	37.5994, 26.5058, 13.0499
YIQ	138.3980, 75.6930, 21.3970

# Conversions

## Conversions Part 2

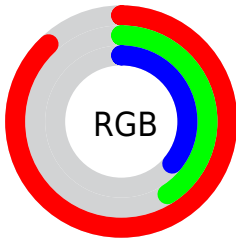
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 105, 91
Decimal	14706779
CIELab	58.51, 45.86, 29.86
CIELCh	59, 54.729, 33.071
Yxy	26.5058, 0.4873, 0.3435
Android (android.graphics.Color)	4292896859 (0xFFE0685B)
YUV	138.3980, -23.3672, 75.0730
Hunter-Lab	51.4838, 40.2648, 21.0101

# Details

The YIQ color **138.3980, 75.6930, 21.3970** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **176.6020, -75.6930, -21.3970**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0650, 63.2690, 15.2770**, and **83.8040, 68.6780, 21.8780** is the 20% darker color. If you saturate the color by 10%, you get **124.1500, 88.2550, 25.0150**, and if you desaturate by 10%, it is **152.6460, 63.1310, 17.7790**.

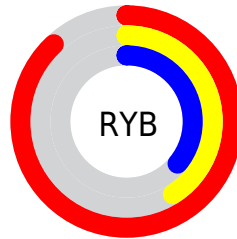
# Distribution



Red (88%)

Green (41%)

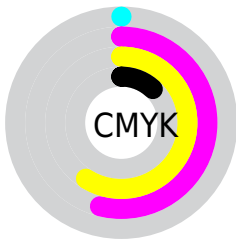
Blue (36%)



Red (88%)

Yellow (41%)

Blue (36%)

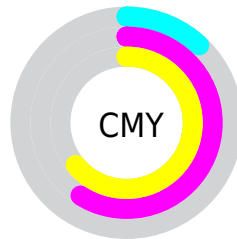


Cyan (0%)

Magenta (54%)

Yellow (59%)

Black (12%)



Cyan (12%)

Magenta (59%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3980, 75.6930, 21.3970 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 138.3980, 75.6930, 21.3970 by changing the saturation by 10% instead.





 138.3980, 75.6930,  
21.3970


 138.3980, 75.6930,  
21.3970


255.0000, -0.0000,  
-0.0000


 111.4300, 72.6670,  
21.1710


 185.0650, 63.2690,  
15.2770


 83.8040, 68.6780,  
21.8780


 204.5790, 46.9020,  
9.0300

 55.1290, 66.3850,  
24.8890


 224.0930, 30.5350,  
2.7830

 31.3950, 62.5800,  
22.2600

 244.3080, 13.5720,  
-3.6760

 22.4250, 44.7000,  
15.9000

254.6580, 0.9630,  
-0.9330

 15.1780, 29.1580,  
11.2220

 0.0000, 0.0000,

0.0000

■ 138.3980, 75.6930,  
21.3970

■ 138.3980, 75.6930,  
21.3970

■ 124.1500, 88.2550,  
25.0150

■ 152.6460, 63.1310,  
17.7790

■ 109.2010,  
101.4130, 28.8450

■ 167.0080, 50.2480,  
14.4720

■ 94.9530, 113.9750,  
32.4630

■ 181.8430, 37.4110,  
10.3310

■ 80.5910, 126.8580,  
35.7700

■ 196.2050, 24.5280,  
7.0240

■ 79.8900, 127.4540,  
35.9820

■ 210.4530, 11.9660,  
3.4060

■ 224.8150, -0.9170,  
0.0990

■ 239.6500,  
-13.7540, -4.0420

■ 245.7310,  
-18.4760, -6.5720

# Harmonies

## Analogous

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



139.9570, 64.5940, 40.8340



138.3980, 75.6930, 21.3970



137.4560, 68.6370, -4.9230

# Triad

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



138.3980, 75.6930, 21.3970



115.2040, -55.1020, -47.6620



121.7010, -96.8800, 4.6560

# Complementary

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



138.3980, 75.6930, 21.3970



176.6020, -75.6930, -21.3970

# 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.



117.9230, -115.7210, -11.8250



138.3980, 75.6930, 21.3970



112.6840, -91.3240, -40.9880

# Square

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



138.3980, 75.6930, 21.3970



129.4550, 7.3430, -39.4810



117.5690, -106.4570, -25.5370



143.7070, -16.7870, 34.4210



# Rectangle

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



138.3980, 75.6930, 21.3970



135.6140, 55.8480, -20.9520



117.5690, -106.4570, -25.5370



114.3670, -116.7310, -4.5310

# Sweetspot

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



138.3980, 75.6930, 21.3970



225.6890, 26.0410, 7.1370



144.6750, 40.1060, 66.1380



109.4320, 16.4590, 4.5790



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.



138.3980, 75.6930, 21.3970



138.0980, 103.2010, 29.4810



176.5530, 57.8180, -12.5980



104.8760, 6.2810, 1.8090



62.6030, 100.2210, 28.4210



17.2870, 27.2330, 7.5610



# Inverse Universe

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



176.6020, -75.6930, -21.3970



190.3150, -102.9260, -28.9580



138.4470, -57.8180, 12.5980



108.1240, -6.2810, -1.8090



113.3970, -100.2210, -28.4210



31.3000, -27.5080, -8.0840



# Previews

## White Background



This preview shows how the YIQ color 138.3980, 75.6930, 21.3970 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

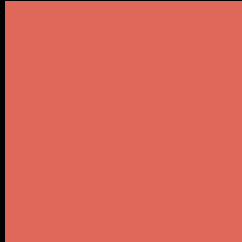
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 138.3980, 75.6930, 21.3970 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 138.3980, 75.6930, 21.3970

## Background



This preview shows how black text looks on a background with the YIQ color 138.3980, 75.6930, 21.3970.



This preview shows how white text looks on a background with the YIQ color 138.3980, 75.6930,



# 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

138.3980, 75.6930, 21.3970

### Protanopia

140.0000, 17.1950, -8.7650

### Deuteranopia

140.1780, 37.1850, -7.6070



## Tritanopia

138.8740, 71.6570, 28.4650

# Trichromacy



## Original Color

138.3980, 75.6930, 21.3970

## Protanomaly

139.8720, 38.4670, 2.2030

## Deuteranomaly

139.6300, 50.8920, 2.7960

## Tritanomaly

138.7770, 73.3080, 26.0760

# Monochromacy



## Original Color

138.3980, 75.6930, 21.3970

## Achromatopsia

138.0000, -0.0000, -0.0000

## Achromatomaly

138.2870, 27.2330, 7.5610

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 138.3980, 75.6930, 21.3970 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(224, 104, 91)` looks like.

```
.text, #text, p{  
    color:rgb(224, 104, 91)  
}
```

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(224, 104, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 104, 91) }
```

## Border

The CSS property to change the border of an element to YIQ 138.3980, 75.6930, 21.3970 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(224, 104, 91) }
```



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

```
.border{ border-color:rgb(224, 104, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 104, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 104, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 104, 91);  
box-shadow:4px 4px 4px 4px rgb(224, 104,  
91) }
```

# Background

The CSS property to change the background color of an element to YIQ 138.3980, 75.6930, 21.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 104, 91) }
```

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

```
.background{ background-color: rgb(224,  
104, 91) }
```

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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