

# Converting Colors

YIQ(120.2640, 97.1020, 35.3900)

Have a look what the booklet for  
YIQ(120.2640, 97.1020, 35.3900)  
contains.

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# Color

**YIQ(120.2640, 97.1020,  
35.3900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EB4749
RGB	235, 71, 73
RGB Percent	92%, 28%, 29%
CMY	0.0780, 0.7218, 0.7133
CMYK	0.00, 0.70, 0.69, 0.08
HSL	359°, 80%, 60%
HSV	359°, 70%, 92%
XYZ	37.7486, 22.6592, 8.7045
YIQ	120.2640, 97.1020, 35.3900

# Conversions

## Conversions Part 2

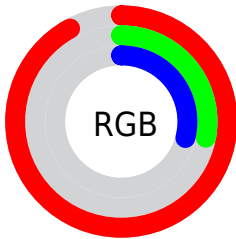
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 71, 73
Decimal	15419209
CIE Lab	54.72, 62.70, 35.77
CIE LCh	55, 72.190, 29.706
Yxy	22.6592, 0.5462, 0.3279
Android (android.graphics.Color)	4293609289 (0xFFEB4749)
YUV	120.2640, -23.3012, 100.6235
Hunter-Lab	47.6017, 58.2493, 22.4794

# Details

The YIQ color **120.2640, 97.1020, 35.3900** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **185.7360, -97.1020, -35.3900**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **165.8760, 77.3430, 24.5350**, and **54.7340, 93.2030, 45.4830** is the 20% darker color. If you saturate the color by 10%, you get **103.5540, 111.0850, 40.7890**, and if you desaturate by 10%, it is **136.3870, 83.3940, 30.5140**.

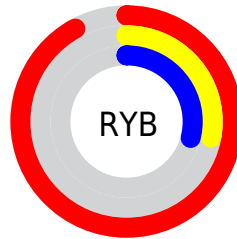
# Distribution



Red (92%)

Green (28%)

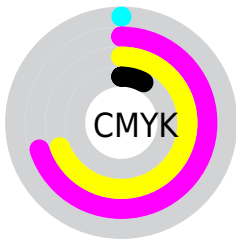
Blue (29%)



Red (92%)

Yellow (28%)

Blue (29%)

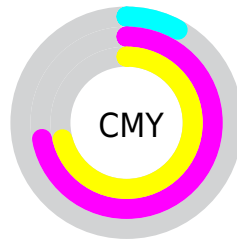


Cyan (0%)

Magenta (70%)

Yellow (69%)

Black (8%)



Cyan (8%)

Magenta (72%)


Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 120.2640, 97.1020, 35.3900 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 120.2640, 97.1020, 35.3900 by changing the saturation by 10% instead.





 120.2640, 97.1020,  
35.3900


 120.2640, 97.1020,  
35.3900


255.0000, -0.0000,  
-0.0000


 88.7030, 94.4880,  
38.7120


 165.8760, 77.3430,  
24.5350


 54.7340, 93.2030,  
45.4830


 185.2760, 61.2970,  
17.9770


 42.5440, 81.5140,  
31.5460


 205.3770, 44.6550,  
11.2070

 32.8900, 65.5600,  
23.3200

 225.4780, 28.0130,  
4.4370

 23.7350, 46.7630,  
17.0590

 246.2800, 10.7750,  
-2.5450

 15.1780, 29.1580,  
11.2220

 0.0000, 0.0000,

0.0000

■ 120.2640, 97.1020,  
35.3900

■ 120.2640, 97.1020,  
35.3900

■ 103.5540,  
111.0850, 40.7890

■ 136.3870, 83.3940,  
30.5140

■ 87.4310, 124.7930,  
45.6650

■ 153.2110, 69.0900,  
25.4260

■ 70.6070, 139.0970,  
50.7530

■ 169.3340, 55.3820,  
20.5500

■ 186.0440, 41.3990,  
15.1510

■ 202.1670, 27.6910,  
10.2750

■ 218.8770, 13.7080,  
4.8760

■ 235.7010, -0.5960,  
-0.2120

■ 249.0200,  
-11.9200, -4.2400

# Harmonies

## Analogous

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



119.5980, 82.5630, 62.1070



120.2640, 97.1020, 35.3900



121.8100, 93.7630, -8.7410

# Triad

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



120.2640, 97.1020, 35.3900



97.5800, -62.5730, -60.9490



110.6630, -120.0800, 6.6080

# Complementary

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



120.2640, 97.1020, 35.3900



185.7360, -97.1020, -35.3900

# 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.



117.0570, -118.7940, -5.6900



120.2640, 97.1020, 35.3900



107.3380, -84.5380, -42.8260

# Square

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



120.2640, 97.1020, 35.3900



113.8190, 17.3410, -55.4830



114.5200, -104.7610, -23.2330



131.1690, -35.4030, 41.4050



# Rectangle

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



120.2640, 97.1020, 35.3900



123.0640, 71.8960, -25.4480



114.5200, -104.7610, -23.2330



114.1850, -121.7300, 3.4700

# Sweetspot

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



120.2640, 97.1020, 35.3900



217.2600, 31.8630, 11.7590



137.8350, 43.3120, 85.1360



105.5680, 19.0720, 6.7840



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.



120.2640, 97.1020, 35.3900



105.3280, 126.5810, 46.3010



166.4090, 76.0190, -6.5490



109.2890, 6.5560, 2.3320



54.3470, 107.2340, 38.9940



16.2600, 31.8630, 11.7590



# Inverse Universe

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



120.2640, 97.1020, 35.3900



105.3280, 126.5810, 46.3010



139.5910, -76.0190, 6.5490



109.2890, 6.5560, 2.3320



54.3470, 107.2340, 38.9940



16.2600, 31.8630, 11.7590



# Previews

## White Background



This preview shows how the YIQ color 120.2640, 97.1020, 35.3900 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 120.2640, 97.1020, 35.3900 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 120.2640, 97.1020, 35.3900

## Background



This preview shows how black text looks on a background with the YIQ color 120.2640, 97.1020, 35.3900.



This preview shows how white text looks on a background with the YIQ color 120.2640, 97.1020,

35.3900.

# 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

120.2640, 97.1020, 35.3900

### Protanopia

129.8860, 17.5160, -9.0760

### Deuteranopia

129.1090, 41.6330, -11.1270



## Tritanopia

120.3780, 96.7810, 35.7010

# Trichromacy



## Original Color

120.2640, 97.1020, 35.3900

## Protanomaly

126.2260, 46.3980, 7.1500

## Deuteranomaly

125.7840, 62.2620, 5.9900

## Tritanomaly

120.3780, 96.7810, 35.7010

# Monochromacy



## Original Color

120.2640, 97.1020, 35.3900

## Achromatopsia

120.0000, -0.0000, -0.0000

## Achromatomaly

120.0540, 35.4390, 13.0310

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 120.2640, 97.1020, 35.3900 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(235, 71, 73)` looks like.

```
.text, #text, p{  
    color:rgb(235, 71, 73)  
}
```

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(235, 71, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 73) }
```

## Border

The CSS property to change the border of an element to YIQ 120.2640, 97.1020, 35.3900 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(235, 71, 73) }
```



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

```
.border{ border-color:rgb(235, 71, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 71, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 73);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
73) }
```

# Background

The CSS property to change the background color of an element to YIQ 120.2640, 97.1020, 35.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 73) }
```

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

```
.background{ background-color: rgb(235, 71,  
73) }
```

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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