

Converting Colors

YIQ(117.0270, 84.7680, 38.6560)

Have a look what the booklet for
YIQ(117.0270, 84.7680, 38.6560)
contains.

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Color

**YIQ(117.0270, 84.7680,
38.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	DE4559
RGB	222, 69, 89
RGB Percent	87%, 27%, 35%
CMY	0.1290, 0.7296, 0.6507
CMYK	0.00, 0.69, 0.60, 0.13
HSL	352°, 70%, 57%
HSV	352°, 69%, 87%
XYZ	34.0844, 20.5157, 11.6327
YIQ	117.0270, 84.7680, 38.6560

Conversions

Conversions Part 2

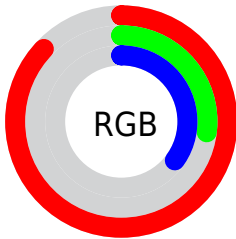
Format	Color
RYB	222, 69, 89
Decimal	14566745
CIELab	52.42, 60.34, 23.06
CIELCh	52, 64.591, 20.914
Yxy	20.5157, 0.5146, 0.3098
Android (android.graphics.Color)	4292756825 (0xFFDE4559)
YUV	117.0270, -13.8173, 92.0613
Hunter-Lab	45.2943, 55.0579, 16.4789

Details

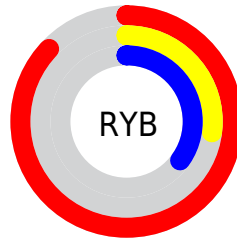
The YIQ color **117.0270, 84.7680, 38.6560** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **173.9730, -84.7680, -38.6560**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0530, 72.7110, 31.3910**, and **52.8560, 81.2360, 47.6040** is the 20% darker color. If you saturate the color by 10%, you get **101.9470, 96.9170, 44.2530**, and if you desaturate by 10%, it is **132.1070, 72.6190, 33.0590**.

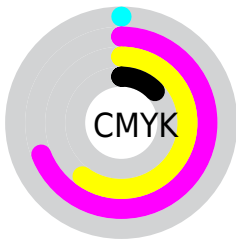
Distribution



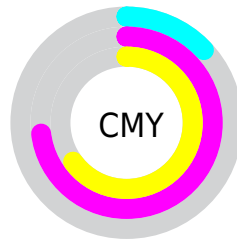
- Red (87%)
- Green (27%)
- Blue (35%)



- Red (87%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (69%)
- Yellow (60%)
- Black (13%)



- Cyan (13%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.0270, 84.7680, 38.6560 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 117.0270, 84.7680, 38.6560 by changing the saturation by 10% instead.

■ 117.0270, 84.7680,
38.6560

■ 117.0270, 84.7680,
38.6560

255.0000, -0.0000,
-0.0000

■ 86.3520, 82.4750,
41.6670

■ 166.0530, 72.7110,
31.3910

■ 52.8560, 81.2360,
47.6040

■ 185.4530, 56.6650,
24.8330

■ 41.6060, 69.7760,
35.0240

■ 205.5540, 40.0230,
18.0630

■ 29.9000, 59.6000,
21.2000

■ 225.7690, 23.0600,
11.6040

■ 21.4570, 41.6740,
15.6740

■ 246.6850, 5.5010,
4.9330

■ 12.3730, 24.1150,
9.0030

■ 0.0000, 0.0000,

0.0000

■ 117.0270, 84.7680,
38.6560

■ 117.0270, 84.7680,
38.6560

■ 101.9470, 96.9170,
44.2530

■ 132.1070, 72.6190,
33.0590

■ 86.8670, 109.0660,
49.8500

■ 147.3010, 60.1490,
27.7730

■ 71.0860, 121.8110,
55.6590

■ 162.9680, 47.7250,
21.6530

■ 69.6840, 123.0030,
56.0830

■ 178.0480, 35.5760,
16.0560

■ 193.2420, 23.1060,
10.7700

■ 208.3220, 10.9570,
5.1730

■ 223.4020, -1.1920,
-0.4240

■ 239.0690,
-13.6160, -6.5440

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



120.0300, 63.4910, 55.3230



117.0270, 84.7680, 38.6560



119.0330, 83.4900, 6.7380

Triad

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



117.0270, 84.7680, 38.6560



99.6820, -36.2570, -53.2890



107.2090, -113.1100, 1.4340

Complementary

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



117.0270, 84.7680, 38.6560



173.9730, -84.7680, -38.6560

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.



110.3430, -108.1560, -11.2600



117.0270, 84.7680, 38.6560



99.5470, -75.0010, -44.9610

Square

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



117.0270, 84.7680, 38.6560



112.4450, 30.4980, -46.1260



106.6320, -93.5730, -27.7570



121.0860, -54.7030, 27.7370

Rectangle

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



117.0270, 84.7680, 38.6560



117.5040, 76.7090, -19.0590



106.6320, -93.5730, -27.7570



108.9870, -112.6050, -2.2130

Sweetspot

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



117.0270, 84.7680, 38.6560



217.9440, 29.9370, 13.6250



126.2090, 30.1550, 75.7790



106.0240, 17.7880, 8.0280



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.



117.0270, 84.7680, 38.6560



109.5800, 117.3640, 53.6520



147.6190, 75.7880, 3.1480



104.4030, 6.2350, 2.6430



55.2460, 97.5130, 44.4650



15.0360, 26.6820, 12.0420

Inverse Universe

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



117.0270, 84.7680, 38.6560



109.5800, 117.3640, 53.6520



143.3810, -75.7880, -3.1480



104.4030, 6.2350, 2.6430



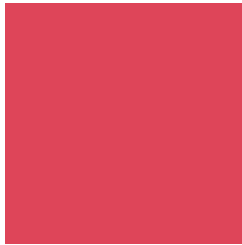
55.2460, 97.5130, 44.4650



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 117.0270, 84.7680, 38.6560 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 117.0270, 84.7680, 38.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

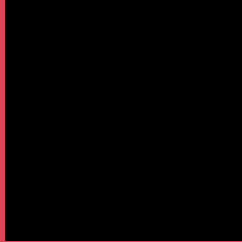
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.0270, 84.7680, 38.6560

Background



This preview shows how black text looks on a background with the YIQ color 117.0270, 84.7680, 38.6560.

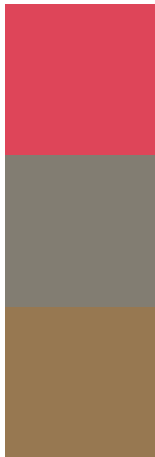


This preview shows how white text looks on a background with the YIQ color 117.0270, 84.7680,

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

117.0270, 84.7680, 38.6560

Protanopia

125.2410, 6.5110, -2.3610

Deuteranopia

124.8230, 30.9950, -5.5570



Tritanopia

116.3060, 88.1160, 33.0440

Trichromacy



Original Color

117.0270, 84.7680, 38.6560

Protanomaly

122.3420, 34.5680, 12.2960

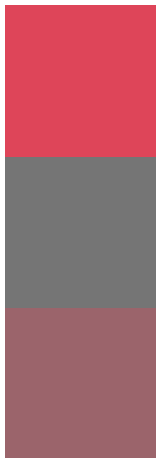
Deuteranomaly

121.7860, 50.7530, 10.8250

Tritanomaly

116.2890, 86.7860, 35.1220

Monochromacy



Original Color

117.0270, 84.7680, 38.6560

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.2430, 30.5330, 13.8370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.0270, 84.7680, 38.6560 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(222, 69, 89)` looks like.

```
.text, #text, p{  
    color:rgb(222, 69, 89)  
}
```

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(222, 69, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 69, 89) }
```

Border

The CSS property to change the border of an element to YIQ 117.0270, 84.7680, 38.6560 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(222, 69, 89) }
```


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

```
.border{ border-color:rgb(222, 69, 89) }
```

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

Here you see how a box with a 4 pixel rgb(222, 69, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 69, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 69, 89);  
box-shadow:4px 4px 4px 4px rgb(222, 69,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 117.0270, 84.7680, 38.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 69, 89) }
```

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

```
.background{ background-color: rgb(222, 69,  
89) }
```

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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