

Converting Colors

YIQ(87.0050, 37.1350, 15.3350)

Have a look what the booklet for
YIQ(87.0050, 37.1350, 15.3350)
contains.

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Color

**YIQ(87.0050, 37.1350,
15.3350)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 844348 |
| RGB | 132, 67, 72 |
| RGB Percent | 52%, 26%, 28% |
| CMY | 0.4822, 0.7373, 0.7175 |
| CMYK | 0.00, 0.49, 0.45, 0.48 |
| HSL | 355°, 33%, 39% |
| HSV | 355°, 49%, 52% |
| XYZ | 12.6984, 9.3882, 7.2800 |
| YIQ | 87.0050, 37.1350, 15.3350 |

Conversions

Conversions Part 2

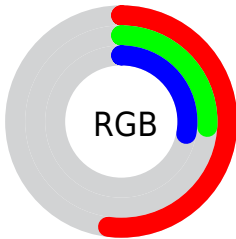
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 132, 67, 72 |
| Decimal | 8667976 |
| CIE _{Lab} | 36.72, 28.36, 9.72 |
| CIE _{LCh} | 37, 29.982, 18.925 |
| Yxy | 9.3882, 0.4324, 0.3197 |
| Android (android.graphics.Color) | 4286858056 (0xFF844348) |
| YUV | 87.0050, -7.3975, 39.4606 |
| Hunter-Lab | 30.6402, 20.3568, 7.3611 |

Details

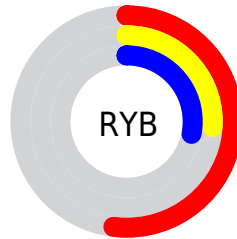
The YIQ color **87.0050, 37.1350, 15.3350** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **111.9950, -37.1350, -15.3350**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.5710, 41.3530, 15.9850**, and **38.6670, 32.2750, 15.3070** is the 20% darker color. If you saturate the color by 10%, you get **78.0060, 44.5620, 18.4020**, and if you desaturate by 10%, it is **96.0040, 29.7080, 12.2680**.

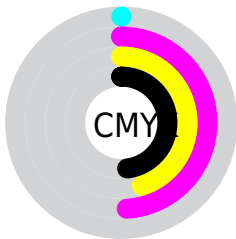
Distribution



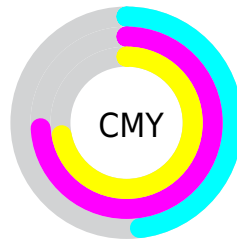
- Red (52%)
- Green (26%)
- Blue (28%)



- Red (52%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (49%)
- Yellow (45%)
- Black (48%)



- Cyan (48%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 87.0050, 37.1350, 15.3350 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 87.0050, 37.1350, 15.3350 by changing the saturation by 10% instead.

87.0050, 37.1350,
15.3350

87.0050, 37.1350,
15.3350

255.0000, -0.0000,
-0.0000

62.3360, 34.7050,
15.3210

138.5710, 41.3530,
15.9850

38.6670, 32.2750,
15.3070

165.1690, 42.5450,
16.4090

16.6730, 32.1380,
12.2820

193.0660, 44.3330,
17.0450

8.1870, 15.7710,
6.0350

214.6840, 33.6050,
13.2290

0.0000, 0.0000,
0.0000

234.3120, 16.9170,
7.2930

254.4130, 0.2750,

0.5230

■ 87.0050, 37.1350,
15.3350

■ 87.0050, 37.1350,
15.3350

■ 78.0060, 44.5620,
18.4020

■ 96.0040, 29.7080,
12.2680

■ 69.0070, 51.9890,
21.4690

■ 105.0030, 22.2810,
9.2010

■ 59.4210, 59.6910,
25.0590

■ 114.7030, 14.2580,
5.9220

■ 50.3080, 67.4390,
27.8150

■ 123.7020, 6.8310,
2.8550

■ 41.3090, 74.8660,
30.8820

■ 132.7010, -0.5960,
-0.2120

■ 40.6080, 75.4620,
31.0940

■ 141.7000, -8.0230,
-3.2790

■ 150.6990,
-15.4500, -6.3460

■ 160.2850,
-23.1520, -9.9360

■ 169.3980,
-30.9000, -12.6920

Harmonies

Analogous

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



88.2460, 26.4510, 21.7390



87.0050, 37.1350, 15.3350



86.0400, 38.0540, 4.1820

Triad

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



87.0050, 37.1350, 15.3350



79.2630, -8.8910, -20.5950



73.9500, -58.4570, -3.3610

Complementary

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



87.0050, 37.1350, 15.3350



111.9950, -37.1350, -15.3350

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.



70.8470, -65.8370, -12.7890



87.0050, 37.1350, 15.3350



70.3760, -43.0020, -24.6500

Square

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



87.0050, 37.1350, 15.3350



82.9900, 13.9870, -16.7090



69.6270, -59.6460, -20.3660



86.4820, -21.3680, 12.8080

Rectangle

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



87.0050, 37.1350, 15.3350



85.4320, 33.6540, -4.1860



69.6270, -59.6460, -20.3660



70.1120, -67.9010, -8.4210

Sweetspot

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



87.0050, 37.1350, 15.3350



153.0020, 14.8540, 6.1340



92.3500, 14.8950, 32.9350



75.8980, 9.2150, 3.7030



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0050, 37.1350, 15.3350



101.1110, 57.6280, 23.9000



102.2840, 31.3150, -0.3410



61.7940, 3.5760, 1.2720



40.0100, 74.2700, 30.6700



0.8970, 1.7880, 0.6360

Inverse Universe

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



87.0050, 37.1350, 15.3350



101.1110, 57.6280, 23.9000



96.7160, -31.3150, 0.3410



61.7940, 3.5760, 1.2720



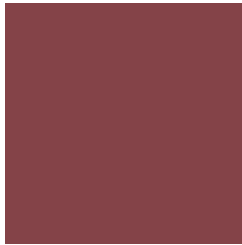
40.0100, 74.2700, 30.6700



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 87.0050, 37.1350, 15.3350 looks on a white background.

Color Contrast Check

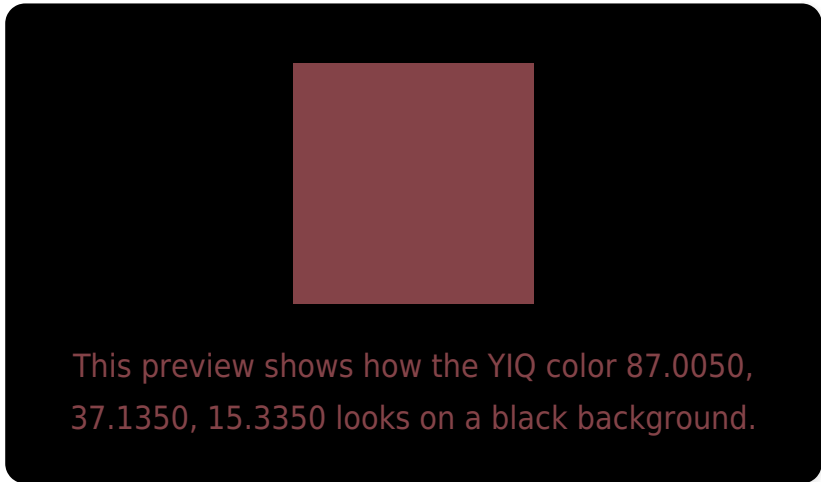
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

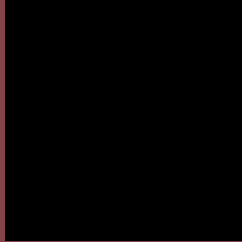
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 87.0050, 37.1350, 15.3350

Background



This preview shows how black text looks on a background with the YIQ color 87.0050, 37.1350, 15.3350.



This preview shows how white text looks on a background with the YIQ color 87.0050, 37.1350,

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

87.0050, 37.1350, 15.3350

Protanopia

87.3270, 3.3930, -0.9190

Deuteranopia

87.3730, 14.9470, -1.0610



Tritanopia

87.0050, 37.1350, 15.3350

Trichromacy



Original Color

87.0050, 37.1350, 15.3350

Protanomaly

87.2470, 15.5420, 4.6780

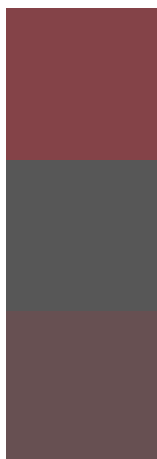
Deuteranomaly

87.2540, 22.8320, 4.7200

Tritanomaly

87.0050, 37.1350, 15.3350

Monochromacy



Original Color

87.0050, 37.1350, 15.3350

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.1050, 13.0660, 5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.0050, 37.1350, 15.3350 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(132, 67, 72)` looks like.

```
.text, #text, p{  
    color:rgb(132, 67, 72)  
}
```

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(132, 67, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 67, 72) }
```

Border

The CSS property to change the border of an element to YIQ 87.0050, 37.1350, 15.3350 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(132, 67, 72) }
```


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

```
.border{ border-color:rgb(132, 67, 72) }
```

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

Here you see how a box with a 4 pixel rgb(132, 67, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 67, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 67, 72);  
box-shadow:4px 4px 4px 4px rgb(132, 67,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 87.0050, 37.1350, 15.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 67, 72) }
```

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

```
.background{ background-color: rgb(132, 67,  
72) }
```

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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