

Converting Colors

YIQ(84.2470, 60.2410, 26.1050)

Have a look what the booklet for
YIQ(84.2470, 60.2410, 26.1050)
contains.

YIQ(84.2470, 60.2410, 26.1050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(84.2470, 60.2410,
26.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	9E333E
RGB	158, 51, 62
RGB Percent	62%, 20%, 24%
CMY	0.3801, 0.8001, 0.7566
CMYK	0.00, 0.68, 0.61, 0.38
HSL	354°, 51%, 41%
HSV	354°, 68%, 62%
XYZ	16.1667, 9.9880, 5.6417
YIQ	84.2470, 60.2410, 26.1050

Conversions

Conversions Part 2

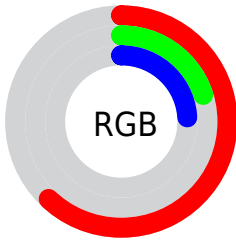
Format	Color
R_{YB}	158, 51, 62
Decimal	10367806
CIE _{Lab}	37.82, 45.05, 18.23
CIE _{LCh}	38, 48.596, 22.037
Yxy	9.9880, 0.5084, 0.3141
Android (android.graphics.Color)	4288557886 (0xFF9E333E)
YUV	84.2470, -10.9678, 64.6814
Hunter-Lab	31.6039, 36.0032, 11.5387

Details

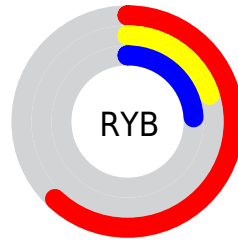
The YIQ color **84.2470, 60.2410, 26.1050** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **124.7530, -60.2410, -26.1050**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.3570, 65.7430, 25.5110**, and **32.1800, 53.1800, 27.4200** is the 20% darker color. If you saturate the color by 10%, you get **73.2590, 69.1350, 30.1190**, and if you desaturate by 10%, it is **95.2350, 51.3470, 22.0910**.

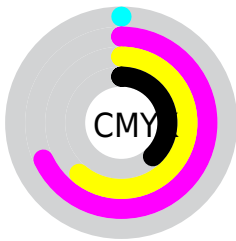
Distribution



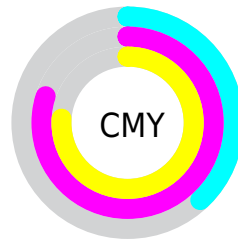
- Red (62%)
- Green (20%)
- Blue (24%)



- Red (62%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (61%)
- Black (38%)





- Cyan (38%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.2470, 60.2410, 26.1050 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 84.2470, 60.2410, 26.1050 by changing the saturation by 10% instead.


 84.2470, 60.2410,
26.1050


 84.2470, 60.2410,
26.1050


255.0000, -0.0000,
-0.0000

 56.0450, 57.9940,
28.2820


 138.3570, 65.7430,
25.5110


 32.1800, 53.1800,
27.4200


 165.8520, 68.7230,
26.5710


 21.8270, 43.5080,
15.4760

 187.3450, 56.8490,
21.4970

 14.2810, 27.3700,
10.5860

 206.2720, 40.7570,
15.7730

 0.0000, 0.0000,
0.0000

 226.4870, 23.7940,
9.3140

 246.7020, 6.8310,

2.8550

■ 84.2470, 60.2410,
26.1050

■ 84.2470, 60.2410,
26.1050

■ 73.2590, 69.1350,
30.1190

■ 95.2350, 51.3470,
22.0910

■ 62.2710, 78.0290,
34.1330

■ 106.2230, 42.4530,
18.0770

■ 51.8700, 86.6480,
37.6240

■ 116.7380, 33.5130,
14.8970

■ 49.0660, 89.0320,
38.4720

■ 127.7260, 24.6190,
10.8830

■ 138.7140, 15.7250,
6.8690

■ 149.7020, 6.8310,
2.8550

■ 160.6900, -2.0630,
-1.1590

■ 171.0910,
-10.6820, -4.6500

■ 182.1930,
-19.8970, -8.3530

Harmonies

Analogous

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



86.3230, 45.8880, 38.4320



84.2470, 60.2410, 26.1050



85.3490, 59.0530, 3.5730

Triad

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



84.2470, 60.2410, 26.1050



71.5560, -26.4940, -37.4860



75.9770, -80.2820, 1.2060

Complementary

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



84.2470, 60.2410, 26.1050



124.7530, -60.2410, -26.1050

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.



78.2620, -77.0710, -7.4310



84.2470, 60.2410, 26.1050



71.0000, -53.8670, -31.4910

Square

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



84.2470, 60.2410, 26.1050



80.2720, 21.2800, -33.2480



76.1470, -66.9820, -19.5740



86.9230, -35.4910, 20.9650

Rectangle

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



84.2470, 60.2410, 26.1050



83.9870, 53.6000, -13.2480



76.1470, -66.9820, -19.5740



77.3960, -80.1440, -1.2960

Sweetspot

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



84.2470, 60.2410, 26.1050



178.1280, 23.4270, 10.4590



91.6030, 22.2730, 53.4170



87.1160, 14.5330, 6.4450



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



84.2470, 60.2410, 26.1050



91.2840, 94.3500, 41.2140



107.0600, 52.4970, 1.2410



73.5060, 4.4470, 2.0070



44.4670, 80.4130, 34.9810



4.7130, 8.2980, 3.8020

Inverse Universe

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



84.2470, 60.2410, 26.1050



91.2840, 94.3500, 41.2140



101.9400, -52.4970, -1.2410



73.5060, 4.4470, 2.0070



44.4670, 80.4130, 34.9810



4.7130, 8.2980, 3.8020

Previews

White Background



This preview shows how the YIQ color 84.2470, 60.2410, 26.1050 looks on a white background.

Color Contrast Check

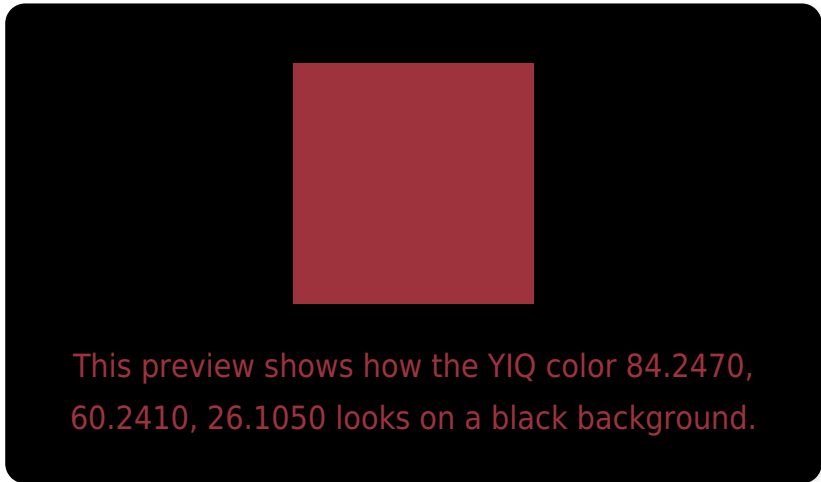
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

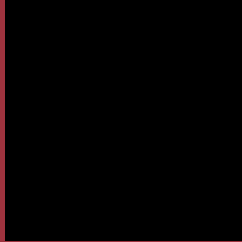
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.2470, 60.2410, 26.1050

Background



This preview shows how black text looks on a background with the YIQ color 84.2470, 60.2410, 26.1050.



This preview shows how white text looks on a background with the YIQ color 84.2470, 60.2410,

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

84.2470, 60.2410, 26.1050

Protanopia

89.9420, 5.9150, -2.5730

Deuteranopia

89.5710, 23.0170, -4.1430



Tritanopia

84.0360, 62.2130, 23.4050

Trichromacy



Original Color

84.2470, 60.2410, 26.1050

Protanomaly

87.9170, 25.3990, 7.7590

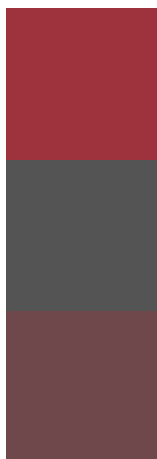
Deuteranomaly

87.5500, 36.6780, 7.0940

Tritanomaly

84.3780, 61.2500, 24.3380

Monochromacy



Original Color

84.2470, 60.2410, 26.1050

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.1170, 21.9600, 9.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.2470, 60.2410, 26.1050 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(158, 51, 62)` looks like.

```
.text, #text, p{  
  color:rgb(158, 51, 62)  
}
```

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(158, 51, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 51, 62) }
```

Border

The CSS property to change the border of an element to YIQ 84.2470, 60.2410, 26.1050 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(158, 51, 62) }
```


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

```
.border{ border-color:rgb(158, 51, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 51, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 51, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 51, 62);  
box-shadow:4px 4px 4px 4px rgb(158, 51,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 84.2470, 60.2410, 26.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 51, 62) }
```

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

```
.background{ background-color: rgb(158, 51,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor