

Converting Colors

YIQ(82.3840, 61.1130, 21.3130)

Have a look what the booklet for
YIQ(82.3840, 61.1130, 21.3130)
contains.

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Color

**YIQ(82.3840, 61.1130,
21.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	9A3433
RGB	154, 52, 51
RGB Percent	60%, 20%, 20%
CMY	0.3958, 0.7962, 0.7998
CMYK	0.00, 0.66, 0.67, 0.40
HSL	1°, 50%, 40%
HSV	1°, 67%, 60%
XYZ	15.1632, 9.5678, 4.1867
YIQ	82.3840, 61.1130, 21.3130

Conversions

Conversions Part 2

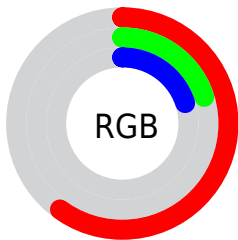
Format	Color
R_{YB}	154, 52, 51
Decimal	10105907
CIE _{Lab}	37.06, 42.49, 23.97
CIE _{LCh}	37, 48.786, 29.428
Yxy	9.5678, 0.5244, 0.3309
Android (android.graphics.Color)	4288295987 (0xFF9A3433)
YUV	82.3840, -15.4723, 62.8072
Hunter-Lab	30.9319, 33.3720, 13.6272

Details

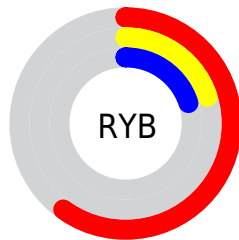
The YIQ color **82.3840, 61.1130, 21.3130** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **122.6160, -61.1130, -21.3130**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **135.7930, 67.2110, 20.9310**, and **29.6870, 55.8860, 22.4300** is the 20% darker color. If you saturate the color by 10%, you get **71.8690, 70.0530, 24.4930**, and if you desaturate by 10%, it is **92.8990, 52.1730, 18.1330**.

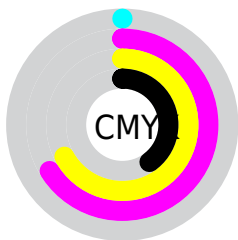
Distribution



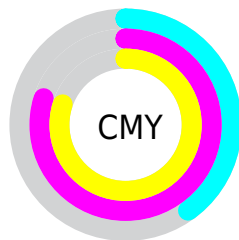
- Red (60%)
- Green (20%)
- Blue (20%)



- Red (60%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (67%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.3840, 61.1130, 21.3130 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 82.3840, 61.1130, 21.3130 by changing the saturation by 10% instead.

■ 82.3840, 61.1130,
21.3130

■ 82.3840, 61.1130,
21.3130

255.0000, -0.0000,
-0.0000

■ 54.8830, 58.2700,
23.2780

■ 135.9070, 66.8900,
21.2420

■ 29.8010, 55.5650,
22.7410

■ 163.1740, 70.5120,
21.6800

■ 20.3320, 40.5280,
14.4160

■ 185.8630, 61.0220,
17.4540

■ 12.6720, 24.7110,
9.2150

■ 204.7900, 44.9300,
11.7300

■ 0.0000, 0.0000,
0.0000

■ 224.8910, 28.2880,
4.9600

■ 244.5190, 11.6000,

-0.9760

■ 82.3840, 61.1130,
21.3130

■ 82.3840, 61.1130,
21.3130

■ 71.8690, 70.0530,
24.4930

■ 92.8990, 52.1730,
18.1330

■ 60.6530, 79.5890,
27.8850

■ 104.1150, 42.6370,
14.7410

■ 50.1380, 88.5290,
31.0650

■ 114.6300, 33.6970,
11.5610

■ 46.6330, 91.5090,
32.1250

■ 125.2590, 24.4360,
8.6920

■ 135.7740, 15.4960,
5.5120

■ 146.8760, 6.2810,
1.8090

■ 157.5050, -2.9800,
-1.0600

■ 168.0200,
-11.9200, -4.2400

■ 178.6490,
-21.1810, -7.1090

Harmonies

Analogous

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



83.0200, 51.1150, 37.3150



82.3840, 61.1130, 21.3130



82.8770, 57.2660, -2.5900

Triad

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



82.3840, 61.1130, 21.3130



65.0040, -42.4950, -39.3510



72.9280, -78.5860, 3.5100

Complementary

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



82.3840, 61.1130, 21.3130



122.6160, -61.1130, -21.3130

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.



76.9570, -77.5300, -4.6180



82.3840, 61.1130, 21.3130



71.3250, -56.1600, -28.4800

Square

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



82.3840, 61.1130, 21.3130



76.7270, 12.5690, -35.0710



75.8850, -69.0000, -16.0400



87.8000, -21.7830, 25.8410

Rectangle

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



82.3840, 61.1130, 21.3130



81.9430, 47.7320, -17.0360



75.8850, -69.0000, -16.0400



75.1620, -79.3650, 1.1070

Sweetspot

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



82.3840, 61.1130, 21.3130



173.5470, 23.5650, 7.9570



93.5390, 28.3250, 53.8690



85.1760, 14.3040, 5.0880



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



82.3840, 61.1130, 21.3130



89.3130, 95.4060, 33.0860



112.3210, 47.0880, -5.3600



71.3920, 4.7680, 1.6960



42.4470, 83.1650, 29.1570



3.8870, 7.7480, 2.7560

Inverse Universe

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



122.6160, -61.1130, -21.3130



152.2740, -95.6810, -33.6090



93.2660, -47.3630, 4.8370



74.0210, -4.4930, -1.1730



97.5530, -83.1650, -29.1570



9.1130, -7.7480, -2.7560

Previews

White Background



This preview shows how the YIQ color 82.3840, 61.1130, 21.3130 looks on a white background.

Color Contrast Check

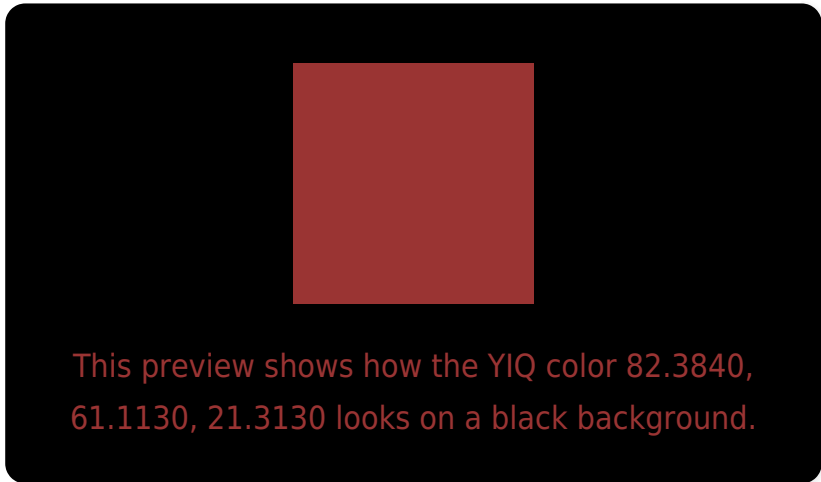
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.3840, 61.1130, 21.3130

Background



This preview shows how black text looks on a background with the YIQ color 82.3840, 61.1130, 21.3130.

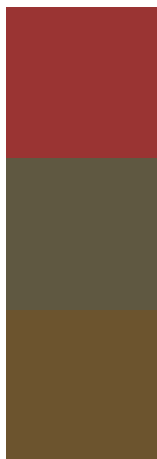


This preview shows how white text looks on a background with the YIQ color 82.3840, 61.1130,

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

82.3840, 61.1130, 21.3130

Protanopia

87.4710, 11.5550, -5.6690

Deuteranopia

86.8440, 26.5020, -6.7300



Tritanopia

82.1390, 60.4250, 22.7690

Trichromacy



Original Color

82.3840, 61.1130, 21.3130

Protanomaly

85.5490, 29.2510, 4.0270

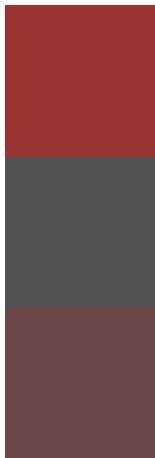
Deuteranomaly

85.1110, 39.2920, 3.7720

Tritanomaly

82.0250, 60.7460, 22.4580

Monochromacy



Original Color

82.3840, 61.1130, 21.3130

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.0630, 22.0520, 7.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.3840, 61.1130, 21.3130 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(154, 52, 51)` looks like.

```
.text, #text, p{  
    color:rgb(154, 52, 51)  
}
```

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(154, 52, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 52, 51) }
```

Border

The CSS property to change the border of an element to YIQ 82.3840, 61.1130, 21.3130 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(154, 52, 51) }
```


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

```
.border{ border-color:rgb(154, 52, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 52, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 52, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 52, 51);  
box-shadow:4px 4px 4px 4px rgb(154, 52,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 82.3840, 61.1130, 21.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 52, 51) }
```

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

```
.background{ background-color: rgb(154, 52,  
51) }
```

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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