

Converting Colors

YIQ(53.4090, 69.1330, 41.1730)

Have a look what the booklet for
YIQ(53.4090, 69.1330, 41.1730)
contains.

YIQ(53.4090, 69.1330, 41.1730)	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(53.4090, 69.1330,
41.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	91082F
RGB	145, 8, 47
RGB Percent	57%, 3%, 18%
CMY	0.4310, 0.9688, 0.8154
CMYK	0.00, 0.95, 0.68, 0.43
HSL	343°, 90%, 30%
HSV	343°, 95%, 57%
XYZ	12.2934, 6.4060, 3.2845
YIQ	53.4090, 69.1330, 41.1730

Conversions

Conversions Part 2

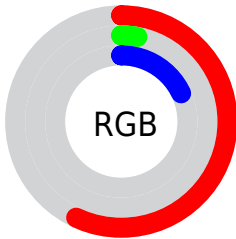
Format	Color
R_{YB}	145, 8, 47
Decimal	9504815
CIE _{Lab}	30.41, 52.80, 17.77
CIE _{LCh}	30, 55.707, 18.598
Yxy	6.4060, 0.5592, 0.2914
Android (android.graphics.Color)	4287694895 (0xFF91082F)
YUV	53.4090, -3.1596, 80.3253
Hunter-Lab	25.3101, 42.4064, 10.0231

Details

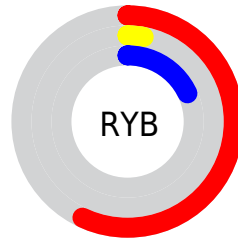
The YIQ color **53.4090, 69.1330, 41.1730** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **99.5910, -69.1330, -41.1730**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.9220, 71.7020, 33.1580**, and **26.0130, 51.8520, 18.4440** is the 20% darker color. If you saturate the color by 10%, you get **48.0290, 73.2590, 43.4910**, and if you desaturate by 10%, it is **62.7670, 62.0730, 36.9610**.

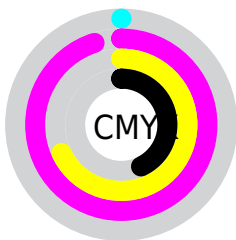
Distribution



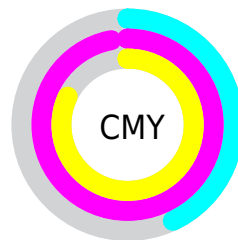
- Red (57%)
- Green (3%)
- Blue (18%)



- Red (57%)
- Yellow (3%)
- Blue (18%)



- Cyan (0%)
- Magenta (95%)
- Yellow (68%)
- Black (43%)



- Cyan (43%)
- Magenta (97%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.4090, 69.1330, 41.1730 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 53.4090, 69.1330, 41.1730 by changing the saturation by 10% instead.

■ 53.4090, 69.1330,
41.1730

■ 53.4090, 69.1330,
41.1730

■ 255.0000, -0.0000,
-0.0000

■ 37.7620, 60.4690,
32.9890

■ 115.9220, 71.7020,
33.1580

■ 26.0130, 51.8520,
18.4440

■ 143.7760, 75.0490,
33.0730

■ 18.1680, 35.1180,
13.3420

■ 168.8570, 70.3270,
30.5430

■ 7.2900, 13.9830,
5.3990


■ 187.6700, 54.5560,
24.5080


■ 0.0000, 0.0000,
0.0000


■ 207.1840, 38.1890,
18.2610


■ 227.3990, 21.2260,


11.8020


 247.7280, 3.9420,
5.6540


 53.4090, 69.1330,
41.1730


 53.4090, 69.1330,
41.1730


 48.0290, 73.2590,
43.4910

 62.7670, 62.0730,
36.9610

 72.8260, 54.4170,
32.5370

 82.1840, 47.3570,
28.3250

 92.2430, 39.7010,
23.9010

 102.1880, 32.3660,
19.1660

■ 111.5460, 25.3060,
14.9540

■ 121.6050, 17.6500,
10.5300

■ 130.9630, 10.5900,
6.3180

■ 140.9080, 3.2550,
1.5830

Harmonies

Analogous

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



57.1040, 51.4790, 52.7510



53.4090, 69.1330, 41.1730



63.3500, 66.4800, 6.6400

Triad

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



53.4090, 69.1330, 41.1730



50.0090, -23.6960, -44.1440



66.1460, -73.2680, 6.2520

Complementary

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



53.4090, 69.1330, 41.1730



99.5910, -69.1330, -41.1730

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.



67.2740, -68.1770, -3.4170



53.4090, 69.1330, 41.1730



58.2850, -41.4880, -30.0640

Square

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



53.4090, 69.1330, 41.1730



64.9220, 16.6940, -27.2260



64.0020, -56.2080, -16.5920



57.5860, -68.4550, 12.6410

Rectangle

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



53.4090, 69.1330, 41.1730



67.2460, 51.6730, -5.8550



64.0020, -56.2080, -16.5920



67.3370, -72.4880, 3.1280

Sweetspot

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



53.4090, 69.1330, 41.1730



153.5570, 26.7730, 15.9010



52.3220, 13.2390, 62.9590



72.5940, 16.1830, 9.5830



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



53.4090, 69.1330, 41.1730



62.6670, 95.3100, 56.8620



64.8120, 74.2270, 14.9230



66.3210, 3.5300, 2.1060



44.8110, 67.9410, 40.7490



2.6200, 4.1260, 2.3180

Inverse Universe

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



53.4090, 69.1330, 41.1730



62.6670, 95.3100, 56.8620



88.1880, -74.2270, -14.9230



66.3210, 3.5300, 2.1060



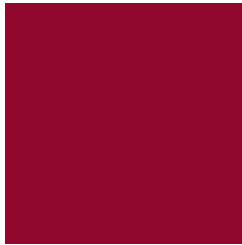
44.8110, 67.9410, 40.7490



2.6200, 4.1260, 2.3180

Previews

White Background



This preview shows how the YIQ color 53.4090, 69.1330, 41.1730 looks on a white background.

Color Contrast Check

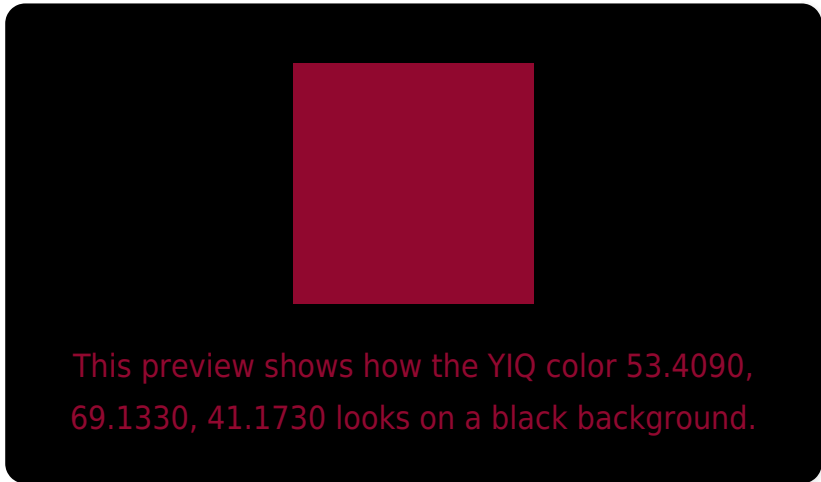
Large Text (above 18pt) WCAG AA ✓ Pass

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

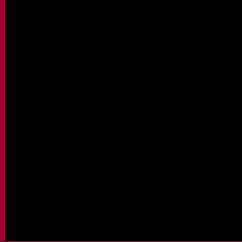
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.4090, 69.1330, 41.1730

Background



This preview shows how black text looks on a background with the YIQ color 53.4090, 69.1330, 41.1730.



This preview shows how white text looks on a background with the YIQ color 53.4090, 69.1330,

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

53.4090, 69.1330, 41.1730

Protanopia

74.3270, 3.3930, -0.9190

Deuteranopia

73.4460, 21.8710, -5.4010



Tritanopia

56.8480, 74.5460, 25.6660

Trichromacy



Original Color

53.4090, 69.1330, 41.1730

Protanomaly

66.8020, 27.4610, 14.4450

Deuteranomaly

66.2670, 39.1530, 11.8010

Tritanomaly

55.7540, 72.1150, 31.1790

Monochromacy



Original Color

53.4090, 69.1330, 41.1730

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2470, 24.7100, 14.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.4090, 69.1330, 41.1730 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(145, 8, 47)` looks like.

```
.text, #text, p{  
    color:rgb(145, 8, 47)  
}
```

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(145, 8, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 8, 47) }
```

Border

The CSS property to change the border of an element to YIQ 53.4090, 69.1330, 41.1730 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(145, 8, 47) }
```


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

```
.border{ border-color:rgb(145, 8, 47) }
```

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

Here you see how a box with a 4 pixel rgb(145, 8, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 8, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 8, 47);  
box-shadow:4px 4px 4px 4px rgb(145, 8, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.4090, 69.1330, 41.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 8, 47) }
```

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

```
.background{ background-color: rgb(145, 8,  
47) }
```

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