

Converting Colors

YIQ(53.0570, 66.8880, 32.2960)

Have a look what the booklet for
YIQ(53.0570, 66.8880, 32.2960)
contains.

YIQ(53.0570, 66.8880, 32.2960)	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(53.0570, 66.8880,
32.2960)**

Conversions

Conversions Part 1

Format	Color
Hex	890E22
RGB	137, 14, 34
RGB Percent	54%, 5%, 13%
CMY	0.4624, 0.9452, 0.8664
CMYK	0.00, 0.90, 0.75, 0.46
HSL	350°, 82%, 30%
HSV	350°, 90%, 54%
XYZ	10.7753, 5.7535, 2.0608
YIQ	53.0570, 66.8880, 32.2960

Conversions

Conversions Part 2

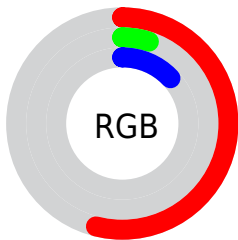
Format	Color
RYB	137, 14, 34
Decimal	8982050
CIELab	28.78, 48.97, 23.91
CIELCh	29, 54.492, 26.027
Yxy	5.7535, 0.5796, 0.3095
Android (android.graphics.Color)	4287172130 (0xFF890E22)
YUV	53.0570, -9.3951, 73.6180
Hunter-Lab	23.9864, 38.2102, 11.6966

Details

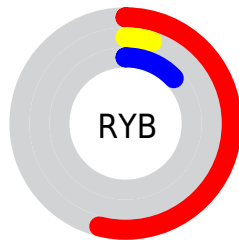
The YIQ color **53.0570, 66.8880, 32.2960** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **97.9430, -66.8880, -32.2960**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.8200, 71.7490, 26.7970**, and **23.6210, 47.0840, 16.7480** is the 20% darker color. If you saturate the color by 10%, you get **43.5850, 74.2690, 36.1970**, and if you desaturate by 10%, it is **62.6430, 59.1860, 28.7060**.

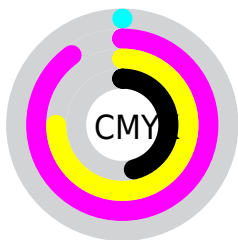
Distribution



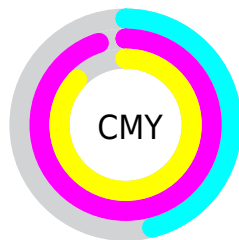
- Red (54%)
- Green (5%)
- Blue (13%)



- Red (54%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (90%)
- Yellow (75%)
- Black (46%)



- Cyan (46%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.0570, 66.8880, 32.2960 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 53.0570, 66.8880, 32.2960 by changing the saturation by 10% instead.

■ 53.0570, 66.8880,
32.2960

■ 53.0570, 66.8880,
32.2960

■ 255.0000, -0.0000,
-0.0000

■ 33.7740, 60.1950,
26.9390

■ 111.8200, 71.7490,
26.7970

■ 23.6210, 47.0840,
16.7480

■ 139.3750, 74.5000,
26.5000

■ 16.0750, 30.9460,
11.8580

■ 166.4460, 75.7380,
26.0900

■ 0.5980, 1.1920,
0.4240

■ 185.2590, 59.9670,
20.0550

■ 0.0000, 0.0000,
0.0000

■ 204.7730, 43.6000,
13.8080

■ 224.9880, 26.6370,

7.3490

245.2030, 9.6740,
0.8900

53.0570, 66.8880,
32.2960

53.0570, 66.8880,
32.2960

43.5850, 74.2690,
36.1970

62.6430, 59.1860,
28.7060

43.4710, 74.5900,
35.8860

71.5280, 52.0800,
25.3280

81.0000, 44.6990,
21.4270

90.5860, 36.9970,
17.8370

100.0580, 29.6160,
13.9360

■ 109.0570, 22.1890,
10.8690

■ 118.5290, 14.8080,
6.9680

■ 128.1150, 7.1060,
3.3780

■ 137.0000, -0.0000,
0.0000

Harmonies

Analogous

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



49.5130, 57.5770, 52.3690



53.0570, 66.8880, 32.2960



61.9960, 58.5490, 1.6930

Triad

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



53.0570, 66.8880, 32.2960



49.7300, -27.0440, -38.5320



61.4670, -69.7380, 8.3580

Complementary

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



53.0570, 66.8880, 32.2960



97.9430, -66.8880, -32.2960

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.



64.4530, -67.1230, -0.4910



53.0570, 66.8880, 32.2960



56.8490, -42.9560, -25.4840

Square

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



53.0570, 66.8880, 32.2960



59.2630, 8.3040, -29.3600



61.7510, -56.7590, -12.1110



64.9170, -35.3540, 23.9900

Rectangle

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



53.0570, 66.8880, 32.2960



64.5330, 43.3750, -9.6570



61.7510, -56.7590, -12.1110



63.5870, -70.1960, 5.6440

Sweetspot

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



53.0570, 66.8880, 32.2960



145.5630, 26.6360, 12.8760



58.8190, 21.9050, 60.0890



69.8280, 15.4040, 7.1800



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



53.0570, 66.8880, 32.2960



56.8270, 97.3750, 46.9670



74.8440, 62.0330, 4.6330



64.2070, 3.8510, 1.7950



42.2750, 72.2060, 35.0380



1.6090, 2.6590, 1.3710

Inverse Universe

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



53.0570, 66.8880, 32.2960



56.8270, 97.3750, 46.9670



76.1560, -62.0330, -4.6330



64.2070, 3.8510, 1.7950



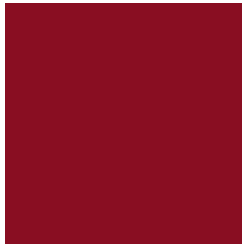
42.2750, 72.2060, 35.0380



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 53.0570, 66.8880, 32.2960 looks on a white background.

Color Contrast Check

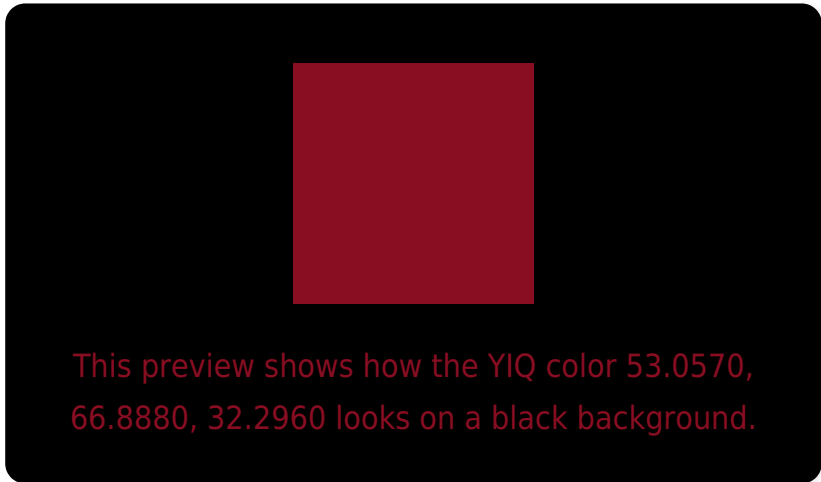
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.0570, 66.8880, 32.2960

Background



This preview shows how black text looks on a background with the YIQ color 53.0570, 66.8880, 32.2960.



This preview shows how white text looks on a background with the YIQ color 53.0570, 66.8880,

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

53.0570, 66.8880, 32.2960

Protanopia

69.6280, 9.6750, -4.6370

Deuteranopia

68.6050, 25.6770, -8.2990



Tritanopia

53.9400, 71.2910, 24.0830

Trichromacy



Original Color

53.0570, 66.8880, 32.2960

Protanomaly

63.7820, 30.2130, 8.6210

Deuteranomaly

63.1760, 40.6670, 6.3870

Tritanomaly

53.5640, 69.5940, 27.3060

Monochromacy



Original Color

53.0570, 66.8880, 32.2960

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2530, 24.5730, 11.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.0570, 66.8880, 32.2960 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(137, 14, 34)` looks like.

```
.text, #text, p{  
    color:rgb(137, 14, 34)  
}
```

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(137, 14, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 14, 34) }
```

Border

The CSS property to change the border of an element to YIQ 53.0570, 66.8880, 32.2960 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(137, 14, 34) }
```


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

```
.border{ border-color:rgb(137, 14, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 14, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 14, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 14, 34);  
box-shadow:4px 4px 4px 4px rgb(137, 14,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 53.0570, 66.8880, 32.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 14, 34) }
```

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

```
.background{ background-color: rgb(137, 14,  
34) }
```

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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