

Converting Colors

YIQ(53.7410, 82.1570, 25.3970)

Have a look what the booklet for
YIQ(53.7410, 82.1570, 25.3970)
contains.

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Color

**YIQ(53.7410, 82.1570,
25.3970)**

Conversions

Conversions Part 1

Format	Color
Hex	940F06
RGB	148, 15, 6
RGB Percent	58%, 6%, 2%
CMY	0.4193, 0.9413, 0.9761
CMYK	0.00, 0.90, 0.96, 0.42
HSL	4°, 92%, 30%
HSV	4°, 96%, 58%
XYZ	12.4305, 6.6567, 0.8044
YIQ	53.7410, 82.1570, 25.3970

Conversions

Conversions Part 2

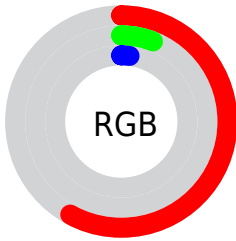
Format	Color
R_YB	148, 16, 6
Decimal	9703174
CIE Lab	31.01, 51.16, 41.96
CIE LCh	31, 66.167, 39.361
Yxy	6.6567, 0.6249, 0.3346
Android (android.graphics.Color)	4287893254 (0xFF940F06)
YUV	53.7410, -23.5363, 82.6651
Hunter-Lab	25.8006, 40.8485, 16.2118

Details

The YIQ color **53.7410, 82.1570, 25.3970** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **100.2590, -82.1570, -25.3970**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9170, 87.2930, 20.4210**, and **26.0130, 51.8520, 18.4440** is the 20% darker color. If you saturate the color by 10%, you get **49.5350, 85.7330, 26.6690**, and if you desaturate by 10%, it is **63.6690, 73.4920, 22.7400**.

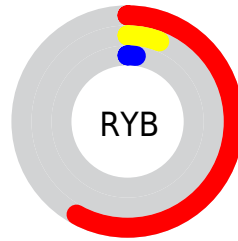
Distribution



Red (58%)

Green (6%)

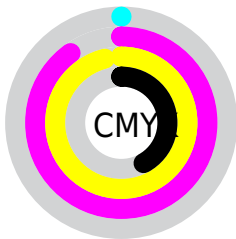
Blue (2%)



Red (58%)

Yellow (6%)

Blue (2%)

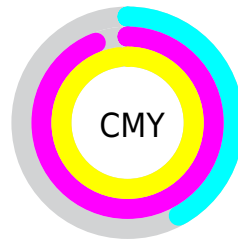


Cyan (0%)

Magenta (90%)

Yellow (96%)

Black (42%)



Cyan (42%)


Magenta (94%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 53.7410, 82.1570, 25.3970 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 53.7410, 82.1570, 25.3970 by changing the saturation by 10% instead.


 53.7410, 82.1570,
25.3970


 53.7410, 82.1570,
25.3970


 252.7200, 6.4200,
-6.2200


 35.2820, 70.3280,
25.0160


 113.9170, 87.2930,
20.4210


 26.3120, 52.4480,
18.6560

 142.0700, 91.2360,
20.5480


 18.1680, 35.1180,
13.3420

 164.5420, 83.8550,
16.6470

 7.5890, 14.5790,
5.6110

 183.9420, 67.8090,
10.0890

 0.0000, 0.0000,
0.0000

 203.3420, 51.7630,
3.5310

 223.4430, 35.1210,

-3.2390

■ 243.6580, 18.1580,
-9.6980

■ 53.7410, 82.1570,
25.3970

■ 53.7410, 82.1570,
25.3970

■ 49.5350, 85.7330,
26.6690

■ 63.6690, 73.4920,
22.7400

■ 73.5970, 64.8270,
20.0830

■ 83.5250, 56.1620,
17.4260

■ 92.7520, 48.0930,
14.9810

■ 102.6800, 39.4280,
12.3240

■ 112.6080, 30.7630,
9.6670

■ 122.5360, 22.0980,
7.0100

■ 132.4640, 13.4330,
4.3530

■ 142.2780, 5.0890,
1.3850

Harmonies

Analogous

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



54.3810, 75.5040, 52.3680



53.7410, 82.1570, 25.3970



68.1540, 54.9280, -4.2720

Triad

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



53.7410, 82.1570, 25.3970



57.1790, -35.6180, -37.3300



64.2030, -77.4420, 15.8220

Complementary

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



53.7410, 82.1570, 25.3970



100.2590, -82.1570, -25.3970

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.



71.7370, -79.3660, 6.6340



53.7410, 82.1570, 25.3970



64.7370, -54.1440, -20.9600

Square

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



53.7410, 82.1570, 25.3970



51.0690, -23.9250, -45.5010



70.3230, -69.8730, -5.7210



72.6420, -8.9940, 41.8700

Rectangle

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



53.7410, 82.1570, 25.3970



68.8860, 34.7110, -17.8410



70.3230, -69.8730, -5.7210



67.9530, -79.7340, 13.3060

Sweetspot

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



53.7410, 82.1570, 25.3970



154.2060, 31.9550, 10.0910



63.8480, 41.2970, 72.0890



74.3400, 19.7140, 6.1620



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



53.7410, 82.1570, 25.3970



64.1530, 110.5360, 34.2160



94.2440, 63.1820, -10.6900



69.0930, 4.1720, 1.4840



46.5450, 79.7730, 24.5490



3.5770, 5.6850, 1.5970

Inverse Universe

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



100.2590, -82.1570, -25.3970



126.8470, -110.5360, -34.2160



59.7560, -63.1820, 10.6900



71.3200, -3.8970, -0.9610



91.4550, -79.7730, -24.5490



7.0100, -5.9600, -2.1200

Previews

White Background



This preview shows how the YIQ color 53.7410, 82.1570, 25.3970 looks on a white background.

Color Contrast Check

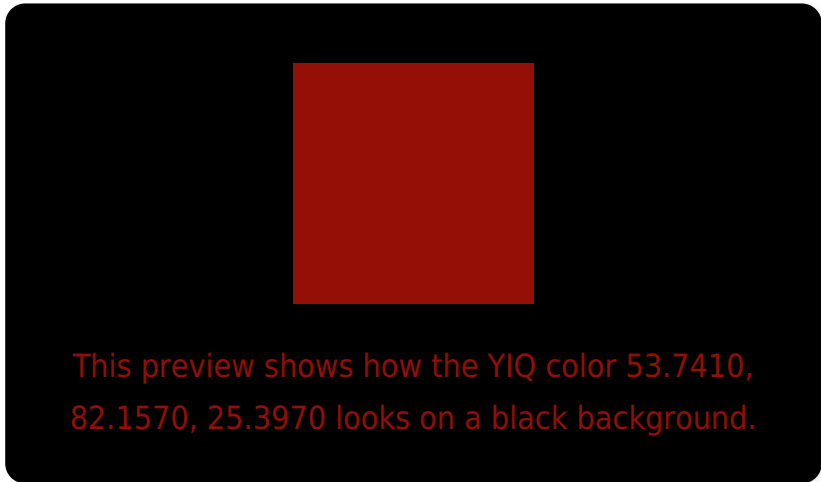
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.7410, 82.1570, 25.3970

Background



This preview shows how black text looks on a background with the YIQ color 53.7410, 82.1570, 25.3970.



This preview shows how white text looks on a background with the YIQ color 53.7410, 82.1570,

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

53.7410, 82.1570, 25.3970

Protanopia

72.3070, 23.3400, -15.5080

Deuteranopia

70.6690, 36.8200, -17.5160



Tritanopia

54.0830, 81.1940, 26.3300

Trichromacy



Original Color

53.7410, 82.1570, 25.3970

Protanomaly

65.7000, 44.7030, -0.6810

Deuteranomaly

64.2510, 53.2770, -1.8830

Tritanomaly

53.9690, 81.5150, 26.0190

Monochromacy



Original Color

53.7410, 82.1570, 25.3970

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.0100, 29.5710, 9.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7410, 82.1570, 25.3970 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(148, 15, 6)` looks like.

```
.text, #text, p{  
    color:rgb(148, 15, 6)  
}
```

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(148, 15, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 15, 6) }
```

Border

The CSS property to change the border of an element to YIQ 53.7410, 82.1570, 25.3970 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(148, 15, 6) }
```


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

```
.border{ border-color:rgb(148, 15, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 15, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 15, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 15, 6);  
box-shadow:4px 4px 4px 4px rgb(148, 15, 6)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.7410, 82.1570, 25.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 15, 6) }
```

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

```
.background{ background-color: rgb(148, 15,  
6) }
```

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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