

Converting Colors

YIQ(53.9590, 25.5810, 15.4770)

Have a look what the booklet for
YIQ(53.9590, 25.5810, 15.4770)
contains.

YIQ(53.9590, 25.5810, 15.4770)	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(53.9590, 25.5810,
15.4770)**

Conversions

Conversions Part 1

Format	Color
Hex	582534
RGB	88, 37, 52
RGB Percent	35%, 15%, 20%
CMY	0.6548, 0.8550, 0.7960
CMYK	0.00, 0.58, 0.41, 0.65
HSL	342°, 41%, 25%
HSV	342°, 58%, 35%
XYZ	5.3089, 3.6463, 3.6755
YIQ	53.9590, 25.5810, 15.4770

Conversions

Conversions Part 2

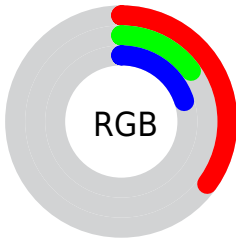
Format	Color
RYB	88, 37, 52
Decimal	5776692
CIELab	22.47, 25.33, 1.68
CIELCh	22, 25.384, 3.802
Yxy	3.6463, 0.4203, 0.2887
Android (android.graphics.Color)	4283966772 (0xFF582534)
YUV	53.9590, -0.9658, 29.8540
Hunter-Lab	19.0952, 16.2104, 1.9543

Details

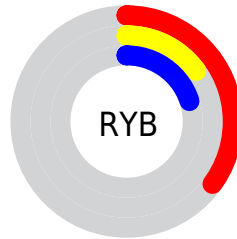
The YIQ color **53.9590, 25.5810, 15.4770** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **71.0410, -25.5810, -15.4770**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **102.3400, 28.8820, 16.2260**, and **13.2420, 23.1060, 10.7700** is the 20% darker color. If you saturate the color by 10%, you get **47.9920, 29.9820, 18.3180**, and if you desaturate by 10%, it is **59.9260, 21.1800, 12.6360**.

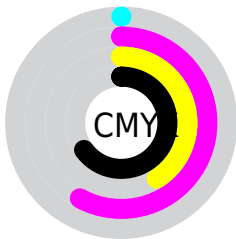
Distribution



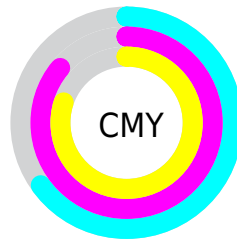
- Red (35%)
- Green (15%)
- Blue (20%)



- Red (35%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (41%)
- Black (65%)



- Cyan (65%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.9590, 25.5810, 15.4770 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 53.9590, 25.5810, 15.4770 by changing the saturation by 10% instead.

■ 53.9590, 25.5810,
15.4770

■ 53.9590, 25.5810,
15.4770

■ 255.0000, -0.0000,
-0.0000

■ 30.5890, 23.7470,
15.6750

■ 102.3400, 28.8820,
16.2260

■ 13.2420, 23.1060,
10.7700

■ 127.9380, 30.0740,
16.6500

■ 0.0000, 0.0000,
0.0000

■ 153.9490, 31.5410,
17.5970

■ 181.5470, 32.7330,
18.0210

■ 209.1450, 33.9250,
18.4450

■ 229.3710, 18.4290,

12.9330

249.1300, 2.7500,
5.2300

53.9590, 25.5810,
15.4770

53.9590, 25.5810,
15.4770

47.9920, 29.9820,
18.3180

59.9260, 21.1800,
12.6360

42.0250, 34.3830,
21.1590

65.8930, 16.7790,
9.7950

36.5310, 38.8300,
23.1660

71.3870, 12.3320,
7.7880

30.5640, 43.2310,
26.0070

77.3540, 7.9310,
4.9470

29.2760, 44.1020,
26.7420

83.3210, 3.5300,
2.1060

■ 89.2880, -0.8710,
-0.7350

■ 95.2550, -5.2720,
-3.5760

■ 100.7490, -9.7190,
-5.5830

■ 106.7160,
-14.1200, -8.4240

Harmonies

Analogous

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



55.1950, 13.2930, 17.9090



53.9590, 25.5810, 15.4770



53.3690, 29.9380, 8.0980

Triad

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



53.9590, 25.5810, 15.4770



49.8840, 2.6620, -15.2100



45.1380, -44.4270, -4.3230

Complementary

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



53.9590, 25.5810, 15.4770



71.0410, -25.5810, -15.4770

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.



45.4170, -41.0790, -9.9350



53.9590, 25.5810, 15.4770



44.9830, -19.6660, -18.0500

Square

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



53.9590, 25.5810, 15.4770



51.2450, 17.8830, -10.2210



43.3650, -35.3010, -15.5330



48.9380, -31.8200, 3.9880

Rectangle

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



53.9590, 25.5810, 15.4770



52.7830, 28.4720, 1.6240



43.3650, -35.3010, -15.5330



45.3830, -43.7390, -5.7790

Sweetspot

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



53.9590, 25.5810, 15.4770



101.6640, 9.9940, 6.1060



53.5780, 5.0850, 23.4930



50.9300, 6.1890, 3.4770



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



53.9590, 25.5810, 15.4770



60.9550, 40.5720, 24.6360



58.1190, 27.6460, 5.5820



40.3100, 2.0630, 1.1590



35.6410, 53.5000, 32.6360



78.1310, 117.9110, 71.2790

Inverse Universe

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



53.9590, 25.5810, 15.4770



60.9550, 40.5720, 24.6360



66.8810, -27.6460, -5.5820



40.3100, 2.0630, 1.1590



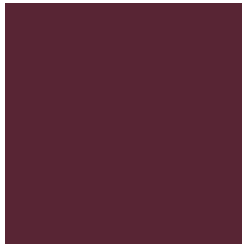
35.6410, 53.5000, 32.6360



78.1310, 117.9110, 71.2790

Previews

White Background



This preview shows how the YIQ color 53.9590, 25.5810, 15.4770 looks on a white background.

Color Contrast Check

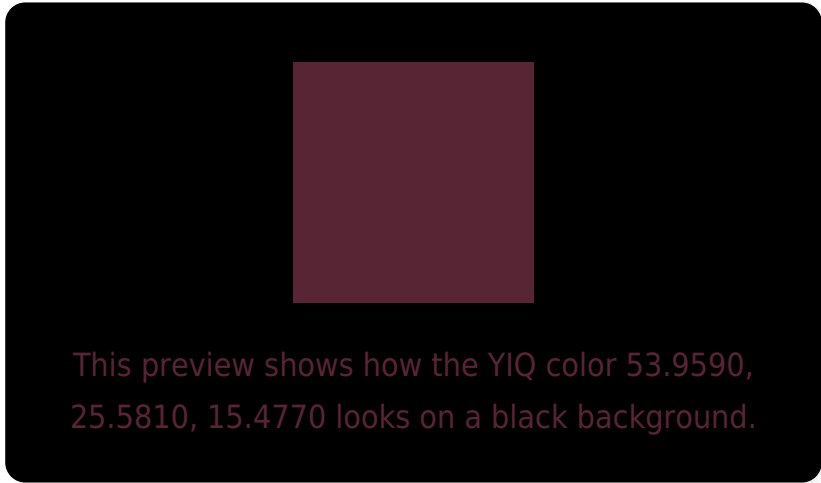
Large Text (above 18pt) WCAG AA ✓ Pass

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

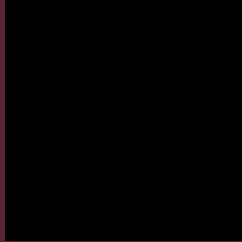
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.9590, 25.5810, 15.4770

Background



This preview shows how black text looks on a background with the YIQ color 53.9590, 25.5810, 15.4770.



This preview shows how white text looks on a background with the YIQ color 53.9590, 25.5810,

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

53.9590, 25.5810, 15.4770

Protanopia

54.6130, -3.1640, 2.2760

Deuteranopia

55.3490, 6.3270, 0.9750



Tritanopia

53.6940, 27.6450, 11.1090

Trichromacy



Original Color

53.9590, 25.5810, 15.4770

Protanomaly

54.5220, 7.5180, 6.9260

Deuteranomaly

54.6320, 13.0200, 6.3320

Tritanomaly

53.5630, 26.6360, 12.8760

Monochromacy



Original Color

53.9590, 25.5810, 15.4770

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9520, 9.1230, 5.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.9590, 25.5810, 15.4770 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(88, 37, 52)` looks like.

```
.text, #text, p{  
    color:rgb(88, 37, 52)  
}
```

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(88, 37, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 37, 52) }
```

Border

The CSS property to change the border of an element to YIQ 53.9590, 25.5810, 15.4770 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(88, 37, 52) }
```


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

```
.border{ border-color:rgb(88, 37, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 37, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 37, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 37, 52);  
box-shadow:4px 4px 4px 4px rgb(88, 37, 52)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.9590, 25.5810, 15.4770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 37, 52) }
```

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

```
.background{ background-color: rgb(88, 37,  
52) }
```

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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