

Converting Colors

YIQ(53.7110, 38.1430, 19.0950)

Have a look what the booklet for
YIQ(53.7110, 38.1430, 19.0950)
contains.

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Color

**YIQ(53.7110, 38.1430,
19.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	661F2C
RGB	102, 31, 44
RGB Percent	40%, 12%, 17%
CMY	0.5998, 0.8785, 0.8273
CMYK	0.00, 0.70, 0.57, 0.60
HSL	349°, 53%, 26%
HSV	349°, 70%, 40%
XYZ	6.4291, 3.9880, 2.8173
YIQ	53.7110, 38.1430, 19.0950

Conversions

Conversions Part 2

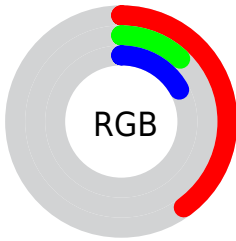
Format	Color
RYB	102, 31, 44
Decimal	6692652
CIELab	23.63, 32.90, 9.18
CIElCh	24, 34.153, 15.585
Yxy	3.9880, 0.4858, 0.3013
Android (android.graphics.Color)	4284882732 (0xFF661F2C)
YUV	53.7110, -4.7875, 42.3495
Hunter-Lab	19.9699, 22.5192, 5.6143

Details

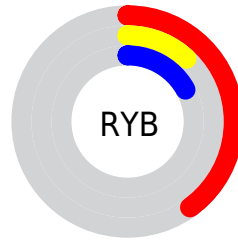
The YIQ color **53.7110, 38.1430, 19.0950** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **79.2890, -38.1430, -19.0950**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **104.0490, 43.0030, 19.1230**, and **15.5480, 30.9920, 11.0240** is the 20% darker color. If you saturate the color by 10%, you get **46.9290, 43.4610, 21.8370**, and if you desaturate by 10%, it is **60.4930, 32.8250, 16.3530**.

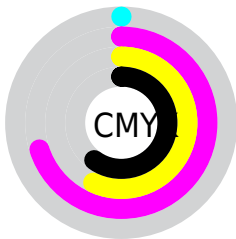
Distribution



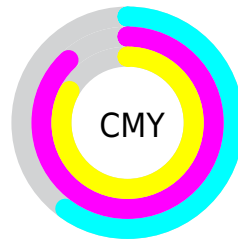
- Red (40%)
- Green (12%)
- Blue (17%)



- Red (40%)
- Yellow (12%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (57%)
- Black (60%)



- Cyan (60%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7110, 38.1430, 19.0950 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 53.7110, 38.1430, 19.0950 by changing the saturation by 10% instead.

■ 53.7110, 38.1430,
19.0950

■ 53.7110, 38.1430,
19.0950

■ 255.0000, -0.0000,
-0.0000

■ 27.8080, 36.4920,
21.4840

■ 104.0490, 43.0030,
19.1230

■ 15.5480, 30.9920,
11.0240

■ 129.9460, 44.7910,
19.7590

■ 4.1860, 8.3440,
2.9680

■ 156.7290, 46.9000,
20.0840

■ 0.0000, 0.0000,
0.0000

■ 184.3270, 48.0920,
20.5080

■ 206.8420, 39.1520,
17.3280

■ 226.3560, 22.7850,

11.0810

246.6850, 5.5010,
4.9330

53.7110, 38.1430,
19.0950

53.7110, 38.1430,
19.0950

46.9290, 43.4610,
21.8370

60.4930, 32.8250,
16.3530

40.0330, 49.1000,
24.2680

67.3890, 27.1860,
13.9220

32.6640, 54.6930,
27.5330

74.7580, 21.5930,
10.6570

81.5400, 16.2750,
7.9150

88.4360, 10.6360,
5.4840

■ 95.2180, 5.3180,
2.7420

■ 102.0000, -0.0000,
-0.0000

■ 109.4830, -5.9140,
-2.9540

■ 116.2650,
-11.2320, -5.6960

Harmonies

Analogous

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



56.0550, 25.6710, 24.8630



53.7110, 38.1430, 19.0950



54.1650, 39.2000, 5.4400

Triad

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



53.7110, 38.1430, 19.0950



47.8670, -7.8360, -23.1960



49.0650, -51.3510, 0.0170

Complementary

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



53.7110, 38.1430, 19.0950



79.2890, -38.1430, -19.0950

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.



49.8170, -47.9570, -6.4290



53.7110, 38.1430, 19.0950



44.2310, -32.2280, -21.6680

Square

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



53.7110, 38.1430, 19.0950



51.3770, 17.1510, -18.9850



47.7820, -40.8490, -14.1050



53.0400, -31.8670, 10.3490

Rectangle

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



53.7110, 38.1430, 19.0950



53.6880, 35.8090, -4.6950



47.7820, -40.8490, -14.1050



49.3100, -50.6630, -1.4390

Sweetspot

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



53.7110, 38.1430, 19.0950



113.9420, 15.0830, 7.4910



56.1370, 11.1810, 34.1650



55.1260, 8.5730, 4.3250



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



53.7110, 38.1430, 19.0950



56.8820, 60.0110, 30.2750



64.5560, 36.5410, 4.0690



47.6090, 2.6590, 1.3710



36.7790, 61.7990, 30.9110



77.4880, 129.7870, 65.2990

Inverse Universe

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



53.7110, 38.1430, 19.0950



56.8820, 60.0110, 30.2750



68.4440, -36.5410, -4.0690



47.6090, 2.6590, 1.3710



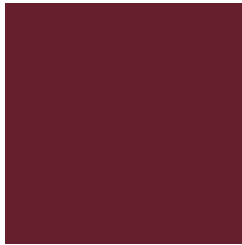
36.7790, 61.7990, 30.9110



77.4880, 129.7870, 65.2990

Previews

White Background



This preview shows how the YIQ color 53.7110, 38.1430, 19.0950 looks on a white background.

Color Contrast Check

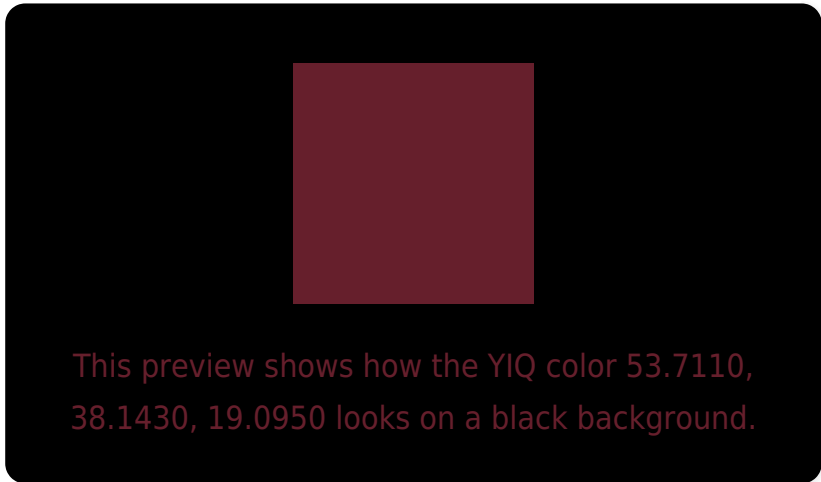
Large Text (above 18pt) WCAG AA ✓ Pass

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

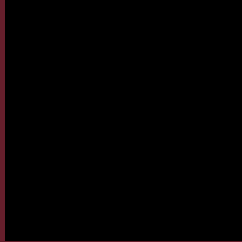
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7110, 38.1430, 19.0950

Background



This preview shows how black text looks on a background with the YIQ color 53.7110, 38.1430, 19.0950.



This preview shows how white text looks on a background with the YIQ color 53.7110, 38.1430,

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

53.7110, 38.1430, 19.0950

Protanopia

57.5980, 1.1920, 0.4240

Deuteranopia

57.5900, 12.8380, -1.3860



Tritanopia

53.8590, 40.4820, 15.2500

Trichromacy



Original Color

53.7110, 38.1430, 19.0950

Protanomaly

56.5290, 14.8080, 6.9680

Deuteranomaly

56.0090, 22.1440, 6.1760

Tritanomaly

53.6140, 39.7940, 16.7060

Monochromacy



Original Color

53.7110, 38.1430, 19.0950

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9310, 13.6160, 6.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7110, 38.1430, 19.0950 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(102, 31, 44)` looks like.

```
.text, #text, p{  
    color:rgb(102, 31, 44)  
}
```

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(102, 31, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 31, 44) }
```

Border

The CSS property to change the border of an element to YIQ 53.7110, 38.1430, 19.0950 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(102, 31, 44) }
```


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

```
.border{ border-color:rgb(102, 31, 44) }
```

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

Here you see how a box with a 4 pixel rgb(102, 31, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 31, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 31, 44);  
box-shadow:4px 4px 4px 4px rgb(102, 31,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 53.7110, 38.1430, 19.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 31, 44) }
```

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

```
.background{ background-color: rgb(102, 31,  
44) }
```

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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