

Converting Colors

YIQ(53.0630, 31.2200, 17.9080)

Have a look what the booklet for
YIQ(53.0630, 31.2200, 17.9080)
contains.

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Color

**YIQ(53.0630, 31.2200,
17.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	5E2131
RGB	94, 33, 49
RGB Percent	37%, 13%, 19%
CMY	0.6312, 0.8707, 0.8077
CMYK	0.00, 0.65, 0.48, 0.63
HSL	344°, 48%, 25%
HSV	344°, 65%, 37%
XYZ	5.7183, 3.6901, 3.3197
YIQ	53.0630, 31.2200, 17.9080

Conversions

Conversions Part 2

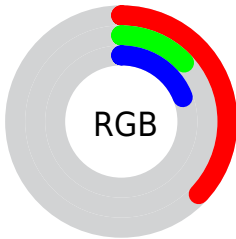
Format	Color
R_{YB}	94, 33, 49
Decimal	6168881
CIE Lab	22.62, 29.46, 4.10
CIE LCh	23, 29.743, 7.931
Yxy	3.6901, 0.4493, 0.2899
Android (android.graphics.Color)	4284358961 (0xFF5E2131)
YUV	53.0630, -2.0031, 35.9017
Hunter-Lab	19.2095, 19.5191, 3.2003

Details

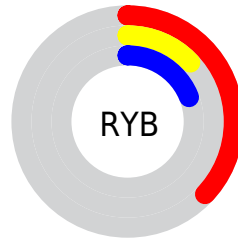
The YIQ color **53.0630, 31.2200, 17.9080** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **73.9370, -31.2200, -17.9080**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **102.3300, 34.8420, 18.3460**, and **14.1670, 27.6910, 10.2750** is the 20% darker color. If you saturate the color by 10%, you get **46.9820, 35.9420, 20.4380**, and if you desaturate by 10%, it is **59.1440, 26.4980, 15.3780**.

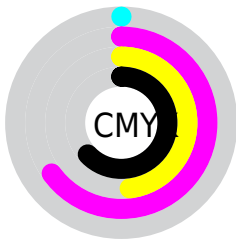
Distribution



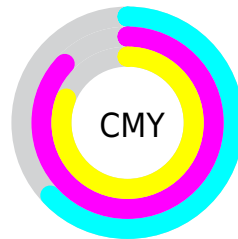
- Red (37%)
- Green (13%)
- Blue (19%)



- Red (37%)
- Yellow (13%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (48%)
- Black (63%)



- Cyan (63%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.0630, 31.2200, 17.9080 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 53.0630, 31.2200, 17.9080 by changing the saturation by 10% instead.

■ 53.0630, 31.2200,
17.9080

■ 53.0630, 31.2200,
17.9080

■ 255.0000, -0.0000,
-0.0000

■ 28.2200, 29.3400,
18.9400

■ 102.3300, 34.8420,
18.3460

■ 14.1670, 27.6910,
10.2750

■ 128.2270, 36.6300,
18.9820

■ 0.0000, 0.0000,
0.0000

■ 154.1240, 38.4180,
19.6180

■ 181.7220, 39.6100,
20.0420

■ 207.5260, 37.2260,
19.1940

■ 227.1540, 20.5380,

13.2580

247.3690, 3.5750,
6.7990

53.0630, 31.2200,
17.9080

53.0630, 31.2200,
17.9080

46.9820, 35.9420,
20.4380

59.1440, 26.4980,
15.3780

40.3140, 40.9390,
23.4910

65.8120, 21.5010,
12.3250

34.2330, 45.6610,
26.0210

71.8930, 16.7790,
9.7950

30.9560, 47.9990,
27.7030

78.5610, 11.7820,
6.7420

84.6420, 7.0600,
4.2120

■ 90.7230, 2.3380,
1.6820

■ 97.3910, -2.6590,
-1.3710

■ 103.3580, -7.0600,
-4.2120

■ 110.0260,
-12.0570, -7.2650

Harmonies

Analogous

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



54.6410, 17.9690, 21.2730



53.0630, 31.2200, 17.9080



52.7070, 34.7980, 8.1260

Triad

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



53.0630, 31.2200, 17.9080



47.8080, -0.1800, -18.7720



46.6370, -47.2700, -2.3580

Complementary

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



53.0630, 31.2200, 17.9080



73.9370, -31.2200, -17.9080

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.



46.8020, -43.6010, -8.2810



53.0630, 31.2200, 17.9080



41.1990, -29.2020, -21.4420

Square

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



53.0630, 31.2200, 17.9080



50.6810, 19.3510, -14.8010



44.8810, -36.8140, -15.6460



48.5400, -36.4510, 5.3170

Rectangle

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



53.0630, 31.2200, 17.9080



52.7680, 32.8280, -0.2280



44.8810, -36.8140, -15.6460



46.7680, -46.2610, -4.1250

Sweetspot

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



53.0630, 31.2200, 17.9080



106.5610, 11.7820, 6.7420



53.4090, 7.2390, 28.5110



51.6420, 7.0600, 4.2120



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



53.0630, 31.2200, 17.9080



58.2550, 48.5950, 27.9150



59.4570, 32.5060, 5.6100



42.7230, 2.3380, 1.6820



36.1960, 56.2510, 32.3390



77.9310, 121.3500, 69.5260

Inverse Universe

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



53.0630, 31.2200, 17.9080



58.2550, 48.5950, 27.9150



67.5430, -32.5060, -5.6100



42.7230, 2.3380, 1.6820



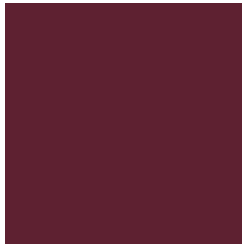
36.1960, 56.2510, 32.3390



77.9310, 121.3500, 69.5260

Previews

White Background



This preview shows how the YIQ color 53.0630, 31.2200, 17.9080 looks on a white background.

Color Contrast Check

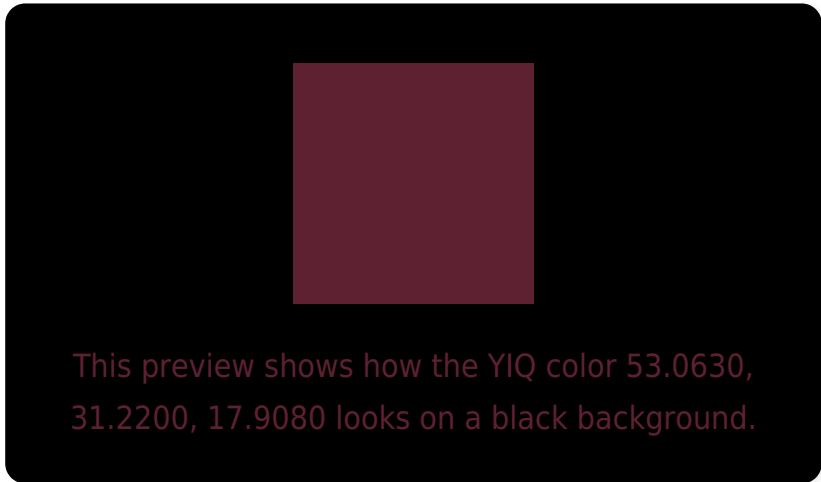
Large Text (above 18pt) WCAG AA ✓ Pass

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

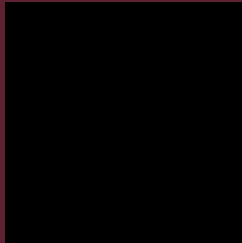
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.0630, 31.2200, 17.9080

Background



This preview shows how black text looks on a background with the YIQ color 53.0630, 31.2200, 17.9080.



This preview shows how white text looks on a background with the YIQ color 53.0630, 31.2200,

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

53.0630, 31.2200, 17.9080

Protanopia

55.3850, -2.5220, 1.6540

Deuteranopia

55.4910, 8.8030, 0.1550



Tritanopia

52.5700, 33.9260, 12.9180

Trichromacy



Original Color

53.0630, 31.2200, 17.9080

Protanomaly

54.7180, 9.9020, 7.7740

Deuteranomaly

54.7850, 16.9630, 6.4590

Tritanomaly

52.4390, 32.9170, 14.6850

Monochromacy



Original Color

53.0630, 31.2200, 17.9080

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2620, 11.1860, 6.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.0630, 31.2200, 17.9080 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(94, 33, 49)` looks like.

```
.text, #text, p{  
    color:rgb(94, 33, 49)  
}
```

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(94, 33, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 33, 49) }
```

Border

The CSS property to change the border of an element to YIQ 53.0630, 31.2200, 17.9080 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(94, 33, 49) }
```


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

```
.border{ border-color:rgb(94, 33, 49) }
```

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

Here you see how a box with a 4 pixel rgb(94, 33, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 33, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 33, 49);  
box-shadow:4px 4px 4px 4px rgb(94, 33, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.0630, 31.2200, 17.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 33, 49) }
```

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

```
.background{ background-color: rgb(94, 33,  
49) }
```

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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