

Converting Colors

YIQ(53.4900, 19.7120, 17.2160)

Have a look what the booklet for
YIQ(53.4900, 19.7120, 17.2160)
contains.

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Color

**YIQ(53.4900, 19.7120,
17.2160)**

Conversions

Conversions Part 1

Format	Color
Hex	53253D
RGB	83, 37, 61
RGB Percent	33%, 15%, 24%
CMY	0.6744, 0.8550, 0.7607
CMYK	0.00, 0.55, 0.27, 0.67
HSL	329°, 38%, 24%
HSV	329°, 55%, 33%
XYZ	5.0738, 3.4995, 4.8251
YIQ	53.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

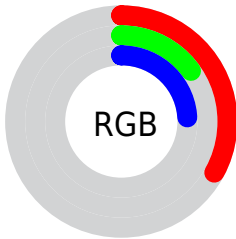
Format	Color
R_{YB}	83, 37, 61
Decimal	5449021
CIE Lab	21.94, 24.72, -5.36
CIE LCh	22, 25.293, 347.773
Yxy	3.4995, 0.3787, 0.2612
Android (android.graphics.Color)	4283639101 (0xFF53253D)
YUV	53.4900, 3.7024, 25.8803
Hunter-Lab	18.7069, 15.6766, -2.1979

Details

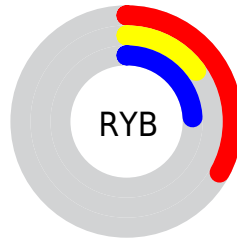
The YIQ color **53.4900, 19.7120, 17.2160** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.5100, -19.7120, -17.2160**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.6860, 22.0960, 18.0640**, and **13.5280, 16.5490, 13.9650** is the 20% darker color. If you saturate the color by 10%, you get **48.3380, 23.1960, 20.1560**, and if you desaturate by 10%, it is **58.6420, 16.2280, 14.2760**.

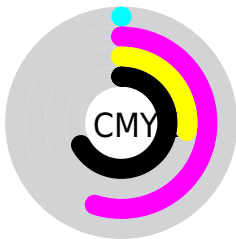
Distribution



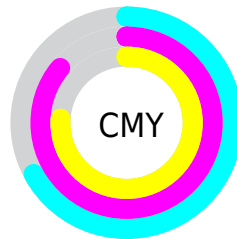
- Red (33%)
- Green (15%)
- Blue (24%)



- Red (33%)
- Yellow (15%)
- Blue (24%)



- Cyan (0%)
- Magenta (55%)
- Yellow (27%)
- Black (67%)



- Cyan (67%)
- Magenta (86%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.4900, 19.7120, 17.2160 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 53.4900, 19.7120, 17.2160 by changing the saturation by 10% instead.

■ 53.4900, 19.7120,
17.2160

■ 53.4900, 19.7120,
17.2160

■ 255.0000, -0.0000,
-0.0000

■ 30.3050, 18.7950,
17.3150

■ 101.6860, 22.0960,
18.0640

■ 13.8270, 17.1450,
14.1770

■ 126.8110, 23.2420,
19.3220

■ 0.0000, 0.0000,
0.0000

■ 153.1100, 23.8380,
19.5340

■ 180.4090, 24.4340,
19.7460

■ 208.0070, 25.6260,
20.1700

■ 230.7390, 14.5770,

16.6650

248.5430, 3.0250,
5.7530

53.4900, 19.7120,
17.2160

53.4900, 19.7120,
17.2160

48.3380, 23.1960,
20.1560

58.6420, 16.2280,
14.2760

42.5990, 26.9550,
23.6190

64.3810, 12.4690,
10.8130

37.4470, 30.4390,
26.5590

69.5330, 8.9850,
7.8730

32.2950, 33.9230,
29.4990

74.6850, 5.5010,
4.9330

29.7190, 35.6650,
30.9690

79.8370, 2.0170,
1.9930

■ 85.5760, -1.7420,
-1.4700

■ 90.7280, -5.2260,
-4.4100

■ 95.8800, -8.7100,
-7.3500

■ 101.6190,
-12.4690, -10.8130

Harmonies

Analogous

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



54.4650, 3.6650, 16.1850



53.4900, 19.7120, 17.2160



51.9330, 28.4700, 12.6780

Triad

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



53.4900, 19.7120, 17.2160



49.5430, 11.0520, -13.0760



44.3400, -42.1800, -6.5000

Complementary

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



53.4900, 19.7120, 17.2160



66.5100, -19.7120, -17.2160

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.



43.5760, -37.2730, -12.8330



53.4900, 19.7120, 17.2160



46.5670, -6.6910, -16.4110

Square

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



53.4900, 19.7120, 17.2160



51.1040, 22.8340, -6.3340



40.8230, -30.8990, -18.2190



43.6050, -44.2440, -2.1320

Rectangle

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



53.4900, 19.7120, 17.2160



52.4290, 29.7090, 6.7410



40.8230, -30.8990, -18.2190



44.3570, -40.8500, -8.5780

Sweetspot

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



53.4900, 19.7120, 17.2160



95.4080, 7.8390, 6.6150



48.5230, -2.2500, 18.7580



46.8590, 4.9510, 3.8870



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



53.4900, 19.7120, 17.2160



60.8600, 30.7140, 27.0820



50.9820, 26.7740, 10.3740



38.4240, 1.7420, 1.4700



37.6650, 44.9250, 39.3650



83.1620, 99.4310, 86.8150

Inverse Universe

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



53.4900, 19.7120, 17.2160



60.8600, 30.7140, 27.0820



69.0180, -26.7740, -10.3740



38.4240, 1.7420, 1.4700



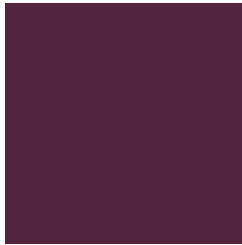
37.6650, 44.9250, 39.3650



83.1620, 99.4310, 86.8150

Previews

White Background



This preview shows how the YIQ color 53.4900, 19.7120, 17.2160 looks on a white background.

Color Contrast Check

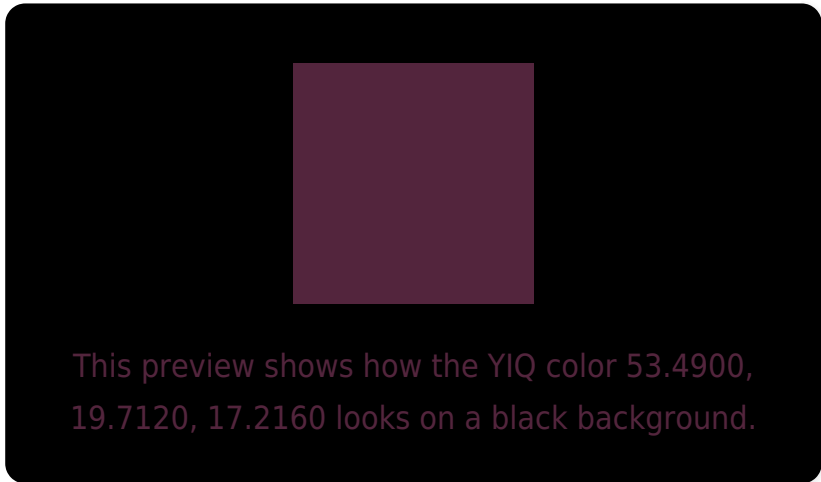
Large Text (above 18pt) WCAG AA ✓ Pass

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

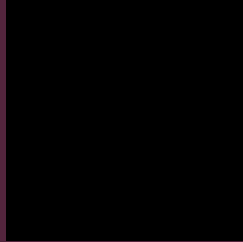
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.4900, 19.7120, 17.2160

Background



This preview shows how black text looks on a background with the YIQ color 53.4900, 19.7120, 17.2160.



This preview shows how white text looks on a background with the YIQ color 53.4900, 19.7120,

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

53.4900, 19.7120, 17.2160

Protanopia

53.6710, -9.0790, 4.8490

Deuteranopia

53.9940, 0.1370, 3.0250



Tritanopia

53.3020, 22.8770, 9.4130

Trichromacy



Original Color

53.4900, 19.7120, 17.2160

Protanomaly

53.5800, 1.6030, 9.4990

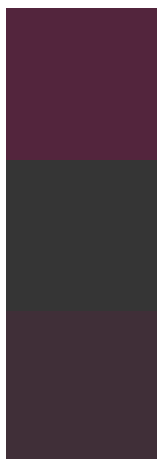
Deuteranomaly

54.1630, 7.1510, 8.0710

Tritanomaly

53.6980, 21.8220, 12.0140

Monochromacy



Original Color

53.4900, 19.7120, 17.2160

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.4900, 19.7120, 17.2160 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(83, 37, 61)` looks like.

```
.text, #text, p{  
    color:rgb(83, 37, 61)  
}
```

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(83, 37, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 37, 61) }
```

Border

The CSS property to change the border of an element to YIQ 53.4900, 19.7120, 17.2160 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(83, 37, 61) }
```


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

```
.border{ border-color:rgb(83, 37, 61) }
```

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

Here you see how a box with a 4 pixel rgb(83, 37, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 37, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 37, 61);  
box-shadow:4px 4px 4px 4px rgb(83, 37, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.4900, 19.7120, 17.2160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 37, 61) }
```

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

```
.background{ background-color: rgb(83, 37,  
61) }
```

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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