

Converting Colors

YIQ(53.2340, 43.9200, 19.0240)

Have a look what the booklet for
YIQ(53.2340, 43.9200, 19.0240)
contains.

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Color

**YIQ(53.2340, 43.9200,
19.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1D25
RGB	107, 29, 37
RGB Percent	42%, 11%, 15%
CMY	0.5802, 0.8864, 0.8547
CMYK	0.00, 0.73, 0.65, 0.58
HSL	354°, 57%, 27%
HSV	354°, 73%, 42%
XYZ	6.8424, 4.1398, 2.1922
YIQ	53.2340, 43.9200, 19.0240

Conversions

Conversions Part 2

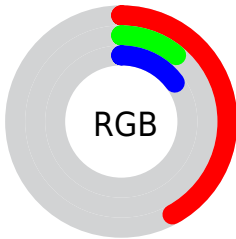
Format	Color
R_{YB}	107, 29, 37
Decimal	7019813
CIE _{Lab}	24.13, 35.03, 14.78
CIE _{LCh}	24, 38.021, 22.872
Yxy	4.1398, 0.5194, 0.3142
Android (android.graphics.Color)	4285209893 (0xFF6B1D25)
YUV	53.2340, -8.0034, 47.1528
Hunter-Lab	20.3464, 24.4224, 7.8543

Details

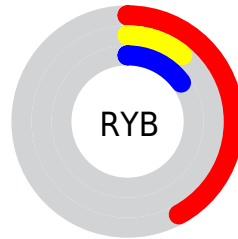
The YIQ color **53.2340, 43.9200, 19.0240** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.7660, -43.9200, -19.0240**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **104.3440, 49.4220, 18.4300**, and **16.1460, 32.1840, 11.4480** is the 20% darker color. If you saturate the color by 10%, you get **45.6370, 50.1550, 21.6670**, and if you desaturate by 10%, it is **60.8310, 37.6850, 16.3810**.

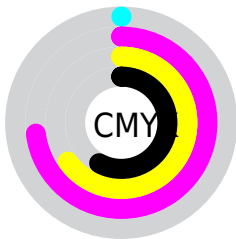
Distribution



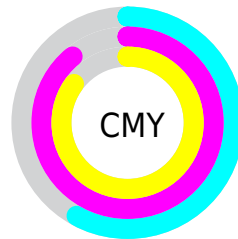
- Red (42%)
- Green (11%)
- Blue (15%)



- Red (42%)
- Yellow (11%)
- Blue (15%)



- Cyan (0%)
- Magenta (73%)
- Yellow (65%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.2340, 43.9200, 19.0240 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 53.2340, 43.9200, 19.0240 by changing the saturation by 10% instead.

■ 53.2340, 43.9200,
19.0240

■ 53.2340, 43.9200,
19.0240

■ 255.0000, -0.0000,
-0.0000

■ 25.8580, 42.2230,
22.2470

■ 104.4580, 49.1010,
18.7410

■ 16.1460, 32.1840,
11.4480

■ 130.5400, 51.8060,
19.2780

■ 6.2790, 12.5160,
4.4520

■ 157.3230, 53.9150,
19.6030

■ 0.0000, 0.0000,
0.0000


■ 185.1060, 56.0240,
19.9280


■ 205.2290, 42.3160,
15.0520


■ 224.7430, 25.9490,


8.8050


 245.0720, 8.6650,
2.6570


 53.2340, 43.9200,
19.0240


 53.2340, 43.9200,
19.0240


 45.6370, 50.1550,
21.6670


 60.8310, 37.6850,
16.3810


 38.7410, 55.7940,
24.0980

 67.7270, 32.0460,
13.9500

 33.2470, 60.2410,
26.1050

 75.3240, 25.8110,
11.3070

 82.8070, 19.8970,
8.3530

 89.8170, 13.9370,
6.2330

■ 97.4140, 7.7020,
3.5900

■ 104.8970, 1.7880,
0.6360

■ 112.4940, -4.4470,
-2.0070

■ 119.3900,
-10.0860, -4.4380

Harmonies

Analogous

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



54.3550, 33.6940, 28.1420



53.2340, 43.9200, 19.0240



53.9110, 42.7310, 2.0190

Triad

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



53.2340, 43.9200, 19.0240



42.8050, -22.4610, -27.9730



49.9770, -53.9190, 2.5050

Complementary

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



53.2340, 43.9200, 19.0240



82.7660, -43.9200, -19.0240

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.



51.6580, -51.7630, -3.5310



53.2340, 43.9200, 19.0240



46.6760, -34.9790, -21.3710

Square

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



53.2340, 43.9200, 19.0240



51.3440, 12.7500, -21.8260



50.0960, -44.6090, -12.0410



55.9100, -25.4490, 15.1830

Rectangle

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



53.2340, 43.9200, 19.0240



54.4660, 36.3140, -8.3420



50.0960, -44.6090, -12.0410



50.9230, -53.8270, 0.8370

Sweetspot

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



53.2340, 43.9200, 19.0240



118.7250, 17.1920, 7.8160



58.5230, 16.0860, 38.8860



58.6100, 10.0860, 4.4380



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



53.2340, 43.9200, 19.0240



55.2590, 69.1350, 30.1190



69.9320, 38.2380, 0.8460



49.9080, 3.2550, 1.5830



36.3510, 65.8800, 28.5360



76.1050, 137.9950, 59.7150

Inverse Universe

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



53.2340, 43.9200, 19.0240



55.2590, 69.1350, 30.1190



66.0680, -38.2380, -0.8460



49.9080, 3.2550, 1.5830



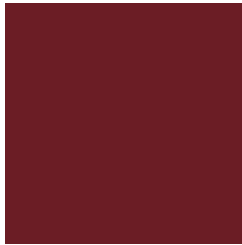
36.3510, 65.8800, 28.5360



76.1050, 137.9950, 59.7150

Previews

White Background



This preview shows how the YIQ color 53.2340, 43.9200, 19.0240 looks on a white background.

Color Contrast Check

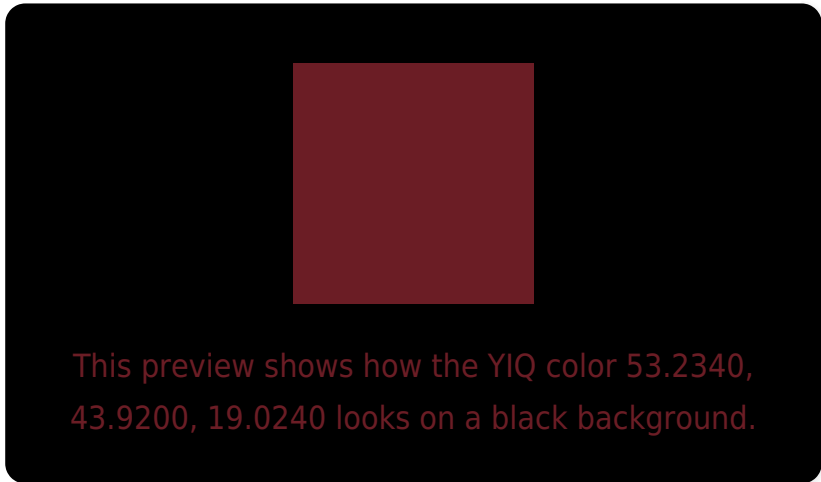
Large Text (above 18pt) WCAG AA ✓ Pass

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

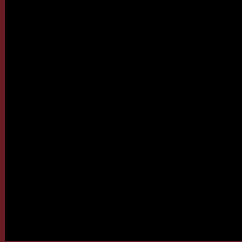
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.2340, 43.9200, 19.0240

Background



This preview shows how black text looks on a background with the YIQ color 53.2340, 43.9200, 19.0240.



This preview shows how white text looks on a background with the YIQ color 53.2340, 43.9200,

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

53.2340, 43.9200, 19.0240

Protanopia

58.7570, 4.9980, -2.4740

Deuteranopia

58.1620, 16.9190, -3.7610



Tritanopia

53.1370, 45.5710, 16.6350

Trichromacy



Original Color

53.2340, 43.9200, 19.0240

Protanomaly

56.6280, 18.8430, 5.4270

Deuteranomaly

56.2930, 27.0960, 4.5360

Tritanomaly

53.3650, 44.9290, 17.2570

Monochromacy



Original Color

53.2340, 43.9200, 19.0240

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0130, 16.3210, 7.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.2340, 43.9200, 19.0240 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(107, 29, 37)` looks like.

```
.text, #text, p{  
    color:rgb(107, 29, 37)  
}
```

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(107, 29, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 29, 37) }
```

Border

The CSS property to change the border of an element to YIQ 53.2340, 43.9200, 19.0240 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(107, 29, 37) }
```


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

```
.border{ border-color:rgb(107, 29, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 29, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 29, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 29, 37);  
box-shadow:4px 4px 4px 4px rgb(107, 29,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 53.2340, 43.9200, 19.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 29, 37) }
```

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

```
.background{ background-color: rgb(107, 29,  
37) }
```

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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