

Converting Colors

YIQ(61.9100, 53.6400, 19.0800)

Have a look what the booklet for
YIQ(61.9100, 53.6400, 19.0800)
contains.

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Color

**YIQ(61.9100, 53.6400,
19.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	7D2323
RGB	125, 35, 35
RGB Percent	49%, 14%, 14%
CMY	0.5096, 0.8629, 0.8625
CMYK	0.00, 0.72, 0.72, 0.51
HSL	360°, 56%, 31%
HSV	360°, 72%, 49%
XYZ	9.3695, 5.6856, 2.1979
YIQ	61.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

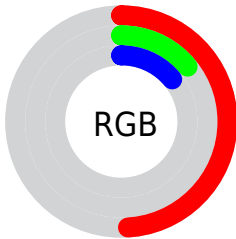
Format	Color
RYB	125, 35, 35
Decimal	8200995
CIELab	28.60, 38.71, 22.45
CIELCh	29, 44.749, 30.110
Yxy	5.6856, 0.5431, 0.3295
Android (android.graphics.Color)	4286391075 (0xFF7D2323)
YUV	61.9100, -13.2666, 55.3299
Hunter-Lab	23.8445, 28.4125, 11.2259

Details

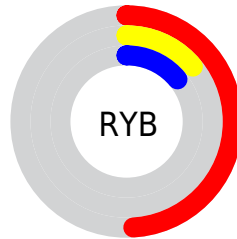
The YIQ color **61.9100, 53.6400, 19.0800** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **98.0900, -53.6400, -19.0800**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **114.3190, 59.7380, 18.6980**, and **20.6310, 41.1240, 14.6280** is the 20% darker color. If you saturate the color by 10%, you get **52.9110, 61.0670, 22.1470**, and if you desaturate by 10%, it is **70.4360, 46.1670, 16.8470**.

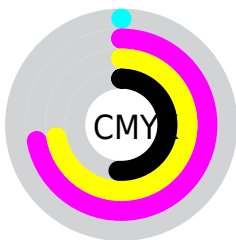
Distribution



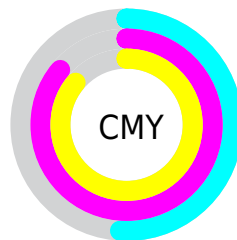
- Red (49%)
- Green (14%)
- Blue (14%)



- Red (49%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (72%)
- Yellow (72%)
- Black (51%)



- Cyan (51%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.9100, 53.6400, 19.0800 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 61.9100, 53.6400, 19.0800 by changing the saturation by 10% instead.

61.9100, 53.6400,
19.0800

61.9100, 53.6400,
19.0800

255.0000, -0.0000,
-0.0000

32.9470, 52.2180,
22.8260

114.3190, 59.7380,
18.6980

20.6310, 41.1240,
14.6280

141.2870, 62.7640,
18.9240

13.5690, 26.4990,
9.8510

168.3690, 65.4690,
19.4610

0.0000, 0.0000,
0.0000

190.7700, 56.8500,
15.9700

210.2840, 40.4830,
9.7230

229.7980, 24.1160,

3.4760

250.1270, 6.8320,
-2.6720

61.9100, 53.6400,
19.0800

61.9100, 53.6400,
19.0800

52.9110, 61.0670,
22.1470

70.4360, 46.1670,
16.8470

44.3850, 68.5400,
24.3800

79.4350, 38.7400,
13.7800

37.3750, 74.5000,
26.5000

87.9610, 31.2670,
11.5470

96.9600, 23.8400,
8.4800

105.4860, 16.3670,
6.2470

■ 114.4850, 8.9400,
3.1800

■ 123.5980, 1.1920,
0.4240

■ 132.0100, -5.9600,
-2.1200

■ 141.0090,
-13.3870, -5.1870

Harmonies

Analogous

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



61.3890, 45.5220, 34.0500



61.9100, 53.6400, 19.0800



63.2290, 50.3430, -3.7770

Triad

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



61.9100, 53.6400, 19.0800



50.4940, -31.9510, -32.1990



57.8820, -63.7770, 4.9510

Complementary

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



61.9100, 53.6400, 19.0800



98.0900, -53.6400, -19.0800

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.



61.4380, -62.7670, -2.3430



61.9100, 53.6400, 19.0800



56.3590, -44.3320, -22.5720

Square

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



61.9100, 53.6400, 19.0800



58.3770, 7.9830, -29.0490



60.2350, -55.2460, -11.9980



67.7740, -18.8940, 23.0420

Rectangle

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



61.9100, 53.6400, 19.0800



63.9020, 37.7820, -12.9220



60.2350, -55.2460, -11.9980



59.5290, -64.2810, 3.0710

Sweetspot

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



61.9100, 53.6400, 19.0800



137.7640, 21.4560, 7.6320



71.8710, 24.1540, 46.8580



66.5780, 13.1120, 4.6640



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



61.9100, 53.6400, 19.0800



64.8600, 83.4400, 29.6800



87.7380, 41.5400, -3.9320



59.0930, 4.1720, 1.4840



38.2720, 76.2880, 27.1360



0.0000, 0.0000, 0.0000

Inverse Universe

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



61.9100, 53.6400, 19.0800



64.8600, 83.4400, 29.6800



72.8490, -41.8150, 3.4090



59.0930, 4.1720, 1.4840



38.2720, 76.2880, 27.1360



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 61.9100, 53.6400, 19.0800 looks on a white background.

Color Contrast Check

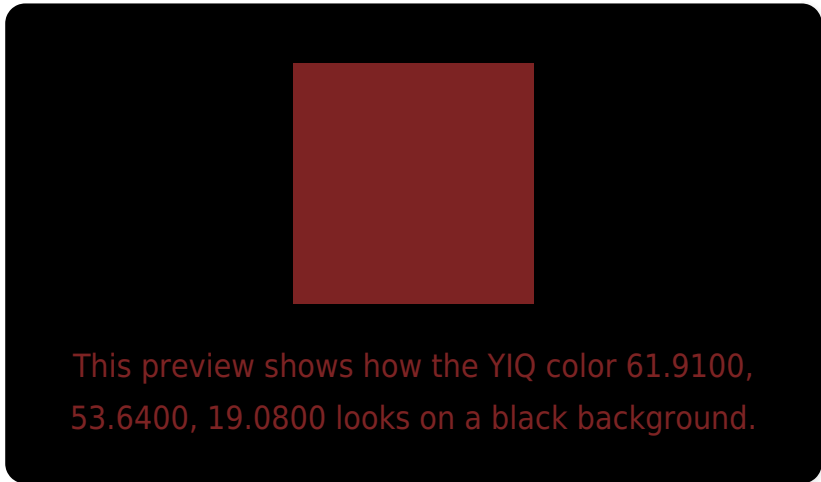
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.9100, 53.6400, 19.0800

Background



This preview shows how black text looks on a background with the YIQ color 61.9100, 53.6400, 19.0800.

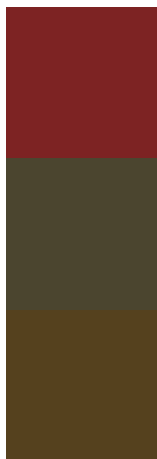


This preview shows how white text looks on a background with the YIQ color 61.9100, 53.6400,

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

61.9100, 53.6400, 19.0800

Protanopia

68.2860, 10.6380, -5.5700

Deuteranopia

66.9900, 23.1550, -6.6450



Tritanopia

62.0240, 53.3190, 19.3910

Trichromacy



Original Color

61.9100, 53.6400, 19.0800

Protanomaly

66.1680, 25.9500, 3.2780

Deuteranomaly

65.2460, 34.4780, 2.9100

Tritanomaly

62.0240, 53.3190, 19.3910

Monochromacy



Original Color

61.9100, 53.6400, 19.0800

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.8670, 19.6680, 6.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.9100, 53.6400, 19.0800 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(125, 35, 35)` looks like.

```
.text, #text, p{  
    color:rgb(125, 35, 35)  
}
```

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(125, 35, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 35, 35) }
```

Border

The CSS property to change the border of an element to YIQ 61.9100, 53.6400, 19.0800 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(125, 35, 35) }
```


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

```
.border{ border-color:rgb(125, 35, 35) }
```

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

Here you see how a box with a 4 pixel rgb(125, 35, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 35, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 35, 35);  
box-shadow:4px 4px 4px 4px rgb(125, 35,  
35) }
```

Background

The CSS property to change the background color of an element to YIQ 61.9100, 53.6400, 19.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 35, 35) }
```

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

```
.background{ background-color: rgb(125, 35,  
35) }
```

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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