

Converting Colors

YIQ(64.9100, 53.6400, 19.0800)

Have a look what the booklet for
YIQ(64.9100, 53.6400, 19.0800)
contains.

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Color

**YIQ(64.9100, 53.6400,
19.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	802626
RGB	128, 38, 38
RGB Percent	50%, 15%, 15%
CMY	0.4978, 0.8511, 0.8508
CMYK	0.00, 0.70, 0.70, 0.50
HSL	360°, 54%, 33%
HSV	360°, 70%, 50%
XYZ	9.9529, 6.1175, 2.4945
YIQ	64.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

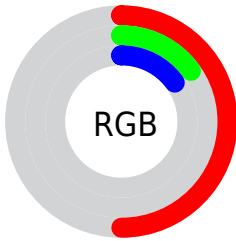
Format	Color
R_{YB}	128, 38, 38
Decimal	8398374
CIE Lab	29.71, 38.66, 22.00
CIE LCh	30, 44.481, 29.646
Yxy	6.1175, 0.5361, 0.3295
Android (android.graphics.Color)	4286588454 (0xFF802626)
YUV	64.9100, -13.2666, 55.3299
Hunter-Lab	24.7336, 28.5454, 11.3338

Details

The YIQ color **64.9100, 53.6400, 19.0800** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **101.0900, -53.6400, -19.0800**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.3190, 59.7380, 18.6980**, and **21.5280, 42.9120, 15.2640** is the 20% darker color. If you saturate the color by 10%, you get **55.7970, 61.3880, 21.8360**, and if you desaturate by 10%, it is **74.0230, 45.8920, 16.3240**.

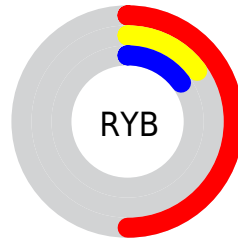
Distribution



Red (50%)

Green (15%)

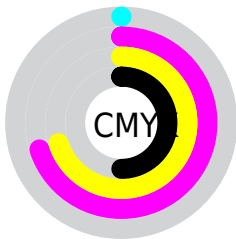
Blue (15%)



Red (50%)

Yellow (15%)

Blue (15%)

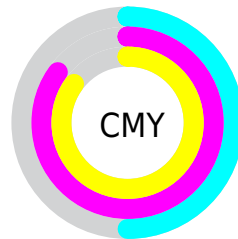


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (50%)



Cyan (50%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.9100, 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 64.9100, 53.6400, 19.0800 by changing the saturation by 10% instead.

■ 64.9100, 53.6400,
19.0800

■ 64.9100, 53.6400,
19.0800

■ 255.0000, -0.0000,
-0.0000

■ 36.6480, 51.6220,
22.6140

■ 117.3190, 59.7380,
18.6980

■ 21.5280, 42.9120,
15.2640

■ 144.2870, 62.7640,
18.9240

■ 14.5800, 27.9660,
10.7980

■ 171.4830, 65.1480,
19.7720

■ 0.0000, 0.0000,
0.0000

■ 192.9870, 54.7410,
15.6450

■ 212.5010, 38.3740,
9.3980

■ 232.6020, 21.7320,

2.6280

■ 252.9310, 4.4480,
-3.5200

■ 64.9100, 53.6400,
19.0800

■ 64.9100, 53.6400,
19.0800

■ 55.7970, 61.3880,
21.8360

■ 74.0230, 45.8920,
16.3240

■ 46.6840, 69.1360,
24.5920

■ 83.1360, 38.1440,
13.5680

■ 38.2720, 76.2880,
27.1360

■ 91.5480, 30.9920,
11.0240

■ 100.6610, 23.2440,
8.2680

■ 109.7740, 15.4960,
5.5120

■ 118.8870, 7.7480,
2.7560

■ 128.0000, -0.0000,
-0.0000

■ 136.4120, -7.1520,
-2.5440

■ 145.5250,
-14.9000, -5.3000

Harmonies

Analogous

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



64.9760, 45.2470, 33.5270



64.9100, 53.6400, 19.0800



65.7560, 50.2970, -2.9430

Triad

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



64.9100, 53.6400, 19.0800



52.4830, -33.4180, -33.1460



59.3980, -65.2900, 4.8380

Complementary

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



64.9100, 53.6400, 19.0800



101.0900, -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.



62.8400, -63.9590, -2.7670



64.9100, 53.6400, 19.0800



57.7610, -45.5240, -22.9960

Square

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



64.9100, 53.6400, 19.0800



61.0350, 8.9460, -29.9820



61.6370, -56.4380, -12.4220



70.4750, -19.4900, 22.8300

Rectangle

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



64.9100, 53.6400, 19.0800



65.9730, 39.0200, -13.3320



61.6370, -56.4380, -12.4220



61.5180, -65.7480, 2.1240

Sweetspot

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



64.9100, 53.6400, 19.0800



141.4650, 20.8600, 7.4200



74.8710, 24.1540, 46.8580



69.2790, 12.5160, 4.4520



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



64.9100, 53.6400, 19.0800



68.5610, 82.8440, 29.4680



90.7380, 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.



64.9100, 53.6400, 19.0800



68.5610, 82.8440, 29.4680



75.8490, -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 64.9100, 53.6400, 19.0800 looks on a white background.

Color Contrast Check

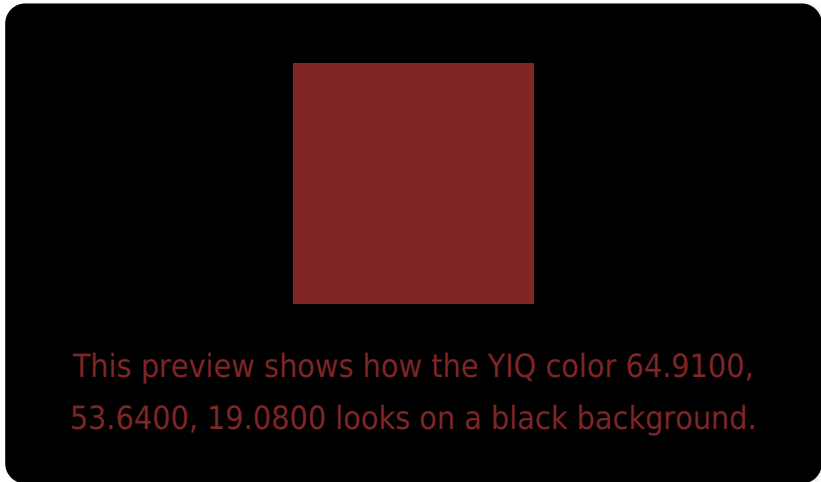
Large Text (above 18pt) WCAG AA ✓ Pass

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

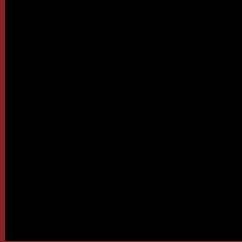
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.9100, 53.6400, 19.0800

Background



This preview shows how black text looks on a background with the YIQ color 64.9100, 53.6400, 19.0800.

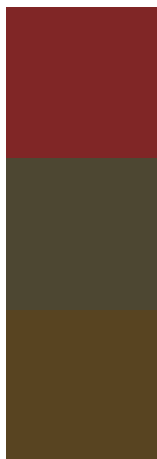


This preview shows how white text looks on a background with the YIQ color 64.9100, 53.6400,

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

64.9100, 53.6400, 19.0800

Protanopia

70.4000, 10.3170, -5.2590

Deuteranopia

69.9900, 23.1550, -6.6450



Tritanopia

65.0240, 53.3190, 19.3910

Trichromacy



Original Color

64.9100, 53.6400, 19.0800

Protanomaly

68.5810, 26.2250, 3.8010

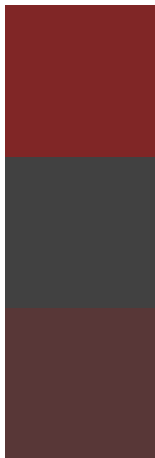
Deuteranomaly

68.2460, 34.4780, 2.9100

Tritanomaly

65.0240, 53.3190, 19.3910

Monochromacy



Original Color

64.9100, 53.6400, 19.0800

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

64.8670, 19.6680, 6.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.9100, 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(128, 38, 38)` looks like.

```
.text, #text, p{  
    color:rgb(128, 38, 38)  
}
```

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(128, 38, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 38, 38) }
```

Border

The CSS property to change the border of an element to YIQ 64.9100, 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(128, 38, 38) }
```


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

```
.border{ border-color:rgb(128, 38, 38) }
```

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

Here you see how a box with a 4 pixel rgb(128, 38, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 38, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 38, 38);  
box-shadow:4px 4px 4px 4px rgb(128, 38,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 64.9100, 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(128, 38, 38) }
```

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

```
.background{ background-color: rgb(128, 38,  
38) }
```

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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