

Converting Colors

YIQ(72.6010, 59.0040, 20.9880)

Have a look what the booklet for
YIQ(72.6010, 59.0040, 20.9880)
contains.

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Color

**YIQ(72.6010, 59.0040,
20.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	8E2B2B
RGB	142, 43, 43
RGB Percent	56%, 17%, 17%
CMY	0.4429, 0.8315, 0.8311
CMYK	0.00, 0.70, 0.70, 0.44
HSL	360°, 54%, 36%
HSV	360°, 70%, 56%
XYZ	12.4651, 7.6557, 3.1120
YIQ	72.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

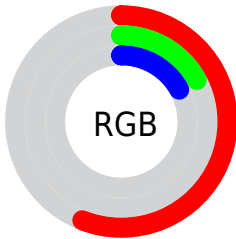
Format	Color
R_{YB}	142, 43, 43
Decimal	9317163
CIE _{Lab}	33.26, 41.73, 23.77
CIE _{LCh}	33, 48.023, 29.673
Yxy	7.6557, 0.5365, 0.3295
Android (android.graphics.Color)	4287507243 (0xFF8E2B2B)
YUV	72.6010, -14.5933, 60.8629
Hunter-Lab	27.6689, 31.9956, 12.6998

Details

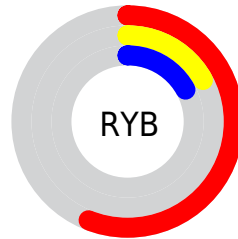
The YIQ color **72.6010, 59.0040, 20.9880** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **112.3990, -59.0040, -20.9880**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.0100, 65.1020, 20.6060**, and **25.4150, 50.6600, 18.0200** is the 20% darker color. If you saturate the color by 10%, you get **62.7870, 67.3480, 23.9560**, and if you desaturate by 10%, it is **82.4150, 50.6600, 18.0200**.

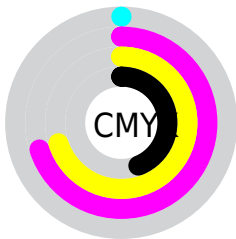
Distribution



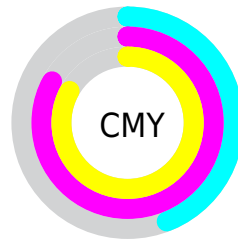
- Red (56%)
- Green (17%)
- Blue (17%)



- Red (56%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.6010, 59.0040, 20.9880 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 72.6010, 59.0040, 20.9880 by changing the saturation by 10% instead.

72.6010, 59.0040,
20.9880

72.6010, 59.0040,
20.9880

255.0000, -0.0000,
-0.0000

43.9260, 56.7110,
23.9990

126.0100, 65.1020,
20.6060

25.4150, 50.6600,
18.0200

152.9780, 68.1280,
20.8320

17.3420, 34.5680,
12.2960

178.9670, 66.6610,
19.8850

7.5890, 14.5790,
5.6110

197.7800, 50.8900,
13.8500

0.0000, 0.0000,
0.0000

217.2940, 34.5230,
7.6030

237.5090, 17.5600,

1.1440

254.3160, 1.9260,
-1.8660

72.6010, 59.0040,
20.9880

72.6010, 59.0040,
20.9880

62.7870, 67.3480,
23.9560

82.4150, 50.6600,
18.0200

52.9730, 75.6920,
26.9240

92.2290, 42.3160,
15.0520

42.4580, 84.6320,
30.1040

102.7440, 33.3760,
11.8720

112.5580, 25.0320,
8.9040

122.3720, 16.6880,
5.9360

■ 132.1860, 8.3440,
2.9680

■ 142.0000, -0.0000,
-0.0000

■ 152.5150, -8.9400,
-3.1800

■ 162.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



72.4220, 49.9230, 36.8910



72.6010, 59.0040, 20.9880



73.5670, 55.2030, -3.7490

Triad

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



72.6010, 59.0040, 20.9880



58.2220, -37.1770, -36.6090



66.3910, -72.5800, 4.7960

Complementary

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



72.6010, 59.0040, 20.9880



112.3990, -59.0040, -20.9880

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.



70.4200, -71.5240, -3.3320



72.6010, 59.0040, 20.9880



64.5430, -50.8420, -25.7380

Square

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



72.6010, 59.0040, 20.9880



68.4110, 10.6430, -33.2050



68.8750, -63.0400, -13.9200



78.5720, -21.1410, 25.2190

Rectangle

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



72.6010, 59.0040, 20.9880



73.9580, 43.3760, -15.1840



68.8750, -63.0400, -13.9200



68.5110, -73.0380, 2.0820

Sweetspot

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



72.6010, 59.0040, 20.9880



156.6610, 23.2440, 8.2680



83.2890, 26.0330, 51.3530



75.8770, 13.7080, 4.8760



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



72.6010, 59.0040, 20.9880



75.4590, 92.0590, 33.1710



100.7770, 45.8040, -4.1160



66.0930, 4.1720, 1.4840



40.3650, 80.4600, 28.6200



2.3920, 4.7680, 1.6960

Inverse Universe

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



72.6010, 59.0040, 20.9880



75.4590, 92.0590, 33.1710



84.2230, -45.8040, 4.1160



66.0930, 4.1720, 1.4840



40.3650, 80.4600, 28.6200



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 72.6010, 59.0040, 20.9880 looks on a white background.

Color Contrast Check

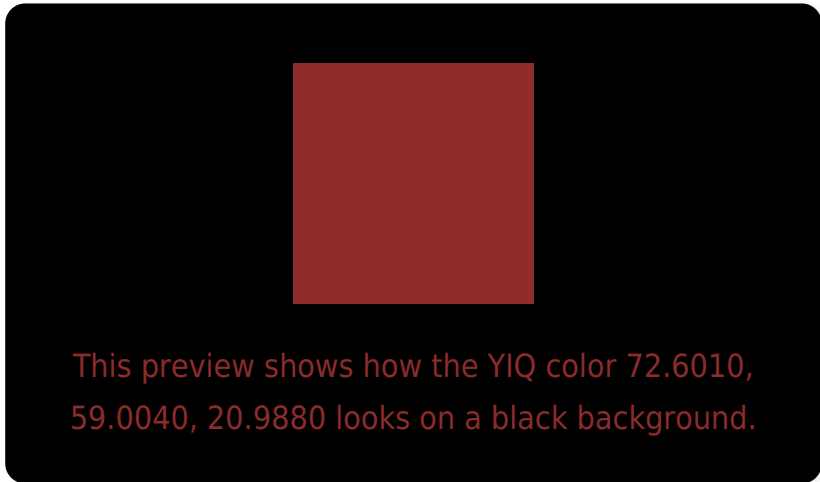
Large Text (above 18pt) WCAG AA ✓ Pass

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

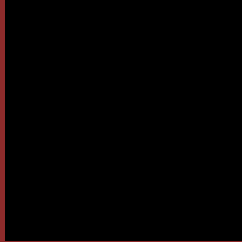
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.6010, 59.0040, 20.9880

Background



This preview shows how black text looks on a background with the YIQ color 72.6010, 59.0040, 20.9880.

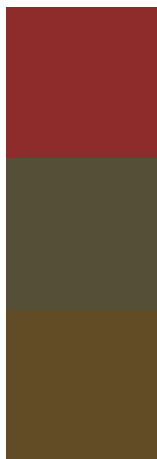


This preview shows how white text looks on a background with the YIQ color 72.6010, 59.0040,

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

72.6010, 59.0040, 20.9880

Protanopia

78.4710, 11.5550, -5.6690

Deuteranopia

78.1320, 25.6310, -7.4650



Tritanopia

72.8290, 58.3620, 21.6100

Trichromacy



Original Color

72.6010, 59.0040, 20.9880

Protanomaly

76.2500, 28.6550, 3.8150

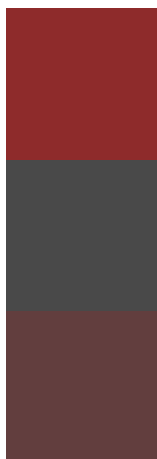
Deuteranomaly

76.1000, 37.8250, 2.8250

Tritanomaly

72.7150, 58.6830, 21.2990

Monochromacy



Original Color

72.6010, 59.0040, 20.9880

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.7640, 21.4560, 7.6320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.6010, 59.0040, 20.9880 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(142, 43, 43)` looks like.

```
.text, #text, p{  
    color:rgb(142, 43, 43)  
}
```

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(142, 43, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 43, 43) }
```

Border

The CSS property to change the border of an element to YIQ 72.6010, 59.0040, 20.9880 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(142, 43, 43) }
```


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

```
.border{ border-color:rgb(142, 43, 43) }
```

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

Here you see how a box with a 4 pixel rgb(142, 43, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 43, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 43, 43);  
box-shadow:4px 4px 4px 4px rgb(142, 43,  
43) }
```

Background

The CSS property to change the background color of an element to YIQ 72.6010, 59.0040, 20.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 43, 43) }
```

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

```
.background{ background-color: rgb(142, 43,  
43) }
```

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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