

Converting Colors

YIQ(70.0960, 52.8160, 11.9840)

Have a look what the booklet for
YIQ(70.0960, 52.8160, 11.9840)
contains.

YIQ(70.0960, 52.8160, 11.9840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(70.0960, 52.8160,
11.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	803020
RGB	128, 48, 32
RGB Percent	50%, 19%, 13%
CMY	0.4979, 0.8119, 0.8743
CMYK	0.00, 0.63, 0.75, 0.50
HSL	10°, 60%, 31%
HSV	10°, 75%, 50%
XYZ	10.2261, 6.8085, 2.1457
YIQ	70.0960, 52.8160, 11.9840

Conversions

Conversions Part 2

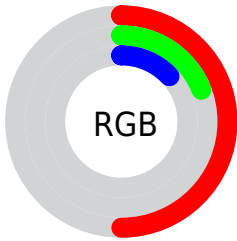
Format	Color
R_{YB}	128, 51, 32
Decimal	8400928
CIE _{Lab}	31.37, 33.64, 27.65
CIE _{LCh}	31, 43.542, 39.413
Yxy	6.8085, 0.5332, 0.3550
Android (android.graphics.Color)	4286591008 (0xFF803020)
YUV	70.0960, -18.7813, 50.7818
Hunter-Lab	26.0931, 24.2924, 13.3895

Details

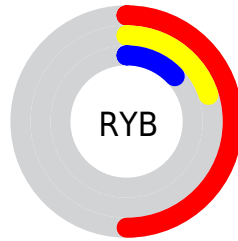
The YIQ color **70.0960, 52.8160, 11.9840** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **89.9040, -52.8160, -11.9840**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3310, 59.4640, 12.6480**, and **21.5280, 42.9120, 15.2640** is the 20% darker color. If you saturate the color by 10%, you get **62.1570, 60.0140, 13.6940**, and if you desaturate by 10%, it is **78.0350, 45.6180, 10.2740**.

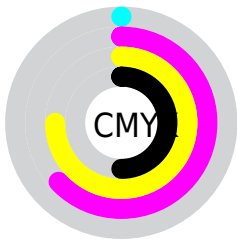
Distribution



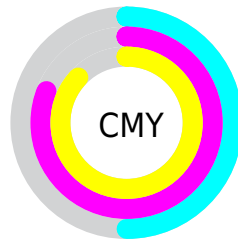
- Red (50%)
- Green (19%)
- Blue (13%)



- Red (50%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (63%)
- Yellow (75%)
- Black (50%)



- Cyan (50%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.0960, 52.8160, 11.9840 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 70.0960, 52.8160, 11.9840 by changing the saturation by 10% instead.

70.0960, 52.8160,
11.9840

70.0960, 52.8160,
11.9840

255.0000, -0.0000,
-0.0000

44.5410, 50.0650,
12.2810

121.3310, 59.4640,
12.6480

21.5280, 42.9120,
15.2640

148.0000, 61.8940,
12.6620

14.4660, 28.2870,
10.4870

175.9680, 64.9200,
12.8880

0.0000, 0.0000,
0.0000

197.4720, 54.5130,
8.7610

216.9860, 38.1460,
2.5140

236.6140, 21.4580,

-3.4220

252.7200, 6.4200,
-6.2200

70.0960, 52.8160,
11.9840

70.0960, 52.8160,
11.9840

62.1570, 60.0140,
13.6940

78.0350, 45.6180,
10.2740

54.8050, 66.9370,
14.8810

85.3870, 38.6950,
9.0870

50.5990, 70.5130,
16.1530

93.2120, 31.8180,
7.0660

101.1510, 24.6200,
5.3560

108.5030, 17.6970,
4.1690

■ 116.4420, 10.4990,
2.4590

■ 124.3810, 3.3010,
0.7490

■ 131.6190, -3.3010,
-0.7490

■ 139.5580,
-10.4990, -2.4590

Harmonies

Analogous

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



69.1950, 48.8240, 29.2720



70.0960, 52.8160, 11.9840



69.3870, 46.7220, -9.7420

Triad

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



70.0960, 52.8160, 11.9840



57.1280, -39.6080, -31.0960



59.6260, -65.9320, 5.4600

Complementary

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



70.0960, 52.8160, 11.9840



89.9040, -52.8160, -11.9840

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.



65.0400, -67.3980, -1.0140



70.0960, 52.8160, 11.9840



61.8190, -51.4390, -20.4230

Square

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



70.0960, 52.8160, 11.9840



63.4620, -2.5620, -30.6740



64.8800, -61.4360, -9.9480



76.0100, -4.8190, 26.7730

Rectangle

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



70.0960, 52.8160, 11.9840



69.1740, 33.8400, -18.5760



64.8800, -61.4360, -9.9480



61.9740, -67.0320, 3.3680

Sweetspot

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



70.0960, 52.8160, 11.9840



143.5850, 20.4020, 4.7060



70.0520, 30.8940, 45.8540



70.9260, 12.0120, 2.5720



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.



70.0960, 52.8160, 11.9840



75.6390, 82.2040, 19.0360



97.0980, 40.1660, -12.0740



59.6800, 3.8970, 0.9610



50.5990, 70.5130, 16.1530



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.9040, -52.8160, -11.9840



106.7740, -81.9290, -18.5130



62.9020, -40.1660, 12.0740



61.3200, -3.8970, -0.9610



76.8140, -70.2380, -15.6300



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 70.0960, 52.8160, 11.9840 looks on a white background.

Color Contrast Check

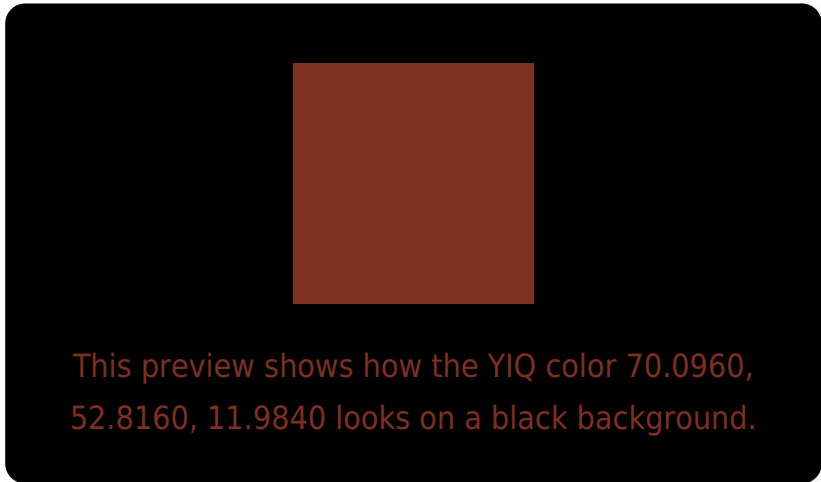
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.0960, 52.8160, 11.9840

Background



This preview shows how black text looks on a background with the YIQ color 70.0960, 52.8160, 11.9840.

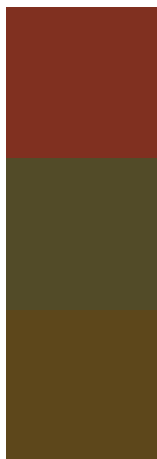


This preview shows how white text looks on a background with the YIQ color 70.0960, 52.8160,

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

70.0960, 52.8160, 11.9840

Protanopia

73.1030, 15.4070, -9.4010

Deuteranopia

72.5620, 27.2360, -9.0200



Tritanopia

71.1590, 48.5050, 18.5290

Trichromacy



Original Color

70.0960, 52.8160, 11.9840

Protanomaly

71.9740, 29.2520, -1.5000

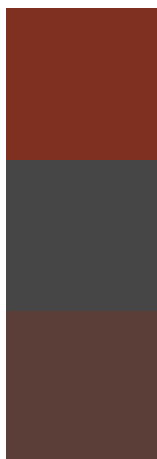
Deuteranomaly

71.9810, 36.5420, -1.4580

Tritanomaly

71.0620, 50.1560, 16.1400

Monochromacy



Original Color

70.0960, 52.8160, 11.9840

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9870, 19.2100, 4.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.0960, 52.8160, 11.9840 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, 48, 32)` looks like.

```
.text, #text, p{  
    color:rgb(128, 48, 32)  
}
```

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, 48, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 48, 32) }
```

Border

The CSS property to change the border of an element to YIQ 70.0960, 52.8160, 11.9840 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, 48, 32) }
```


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

```
.border{ border-color:rgb(128, 48, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 48, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 48, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 48, 32);  
box-shadow:4px 4px 4px 4px rgb(128, 48,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 70.0960, 52.8160, 11.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 48, 32) }
```

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

```
.background{ background-color: rgb(128, 48,  
32) }
```

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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