

Converting Colors

YIQ(72.7060, 62.9020, 16.4220)

Have a look what the booklet for
YIQ(72.7060, 62.9020, 16.4220)
contains.

| | |
|------------------------------------------------|----|
| YIQ(72.7060, 62.9020, 16.4220) | 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(72.7060, 62.9020,
16.4220)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 8F2D1F |
| RGB | 143, 45, 31 |
| RGB Percent | 56%, 18%, 12% |
| CMY | 0.4390, 0.8237, 0.8782 |
| CMYK | 0.00, 0.69, 0.78, 0.44 |
| HSL | 7°, 64%, 34% |
| HSV | 7°, 78%, 56% |
| XYZ | 12.5226, 7.8177, 2.1499 |
| YIQ | 72.7060, 62.9020, 16.4220 |

Conversions

Conversions Part 2

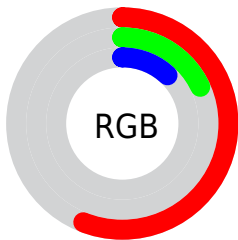
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 143, 47, 31 |
| Decimal | 9383199 |
| CIELab | 33.60, 40.63, 31.46 |
| CIELCh | 34, 51.386, 37.753 |
| Yxy | 7.8177, 0.5568, 0.3476 |
| Android (android.graphics.Color) | 4287573279 (0xFF8F2D1F) |
| YUV | 72.7060, -20.5611, 61.6478 |
| Hunter-Lab | 27.9601, 31.0156, 15.0132 |

Details

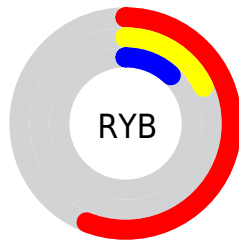
The YIQ color **72.7060, 62.9020, 16.4220** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **101.2940, -62.9020, -16.4220**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.7130, 70.1920, 16.4640**, and **25.4150, 50.6600, 18.0200** is the 20% darker color. If you saturate the color by 10%, you get **63.4790, 70.9710, 18.8670**, and if you desaturate by 10%, it is **81.3460, 55.1080, 14.5000**.

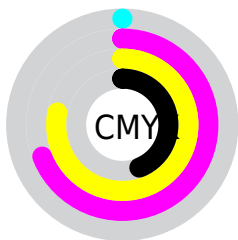
Distribution



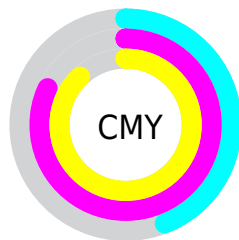
- Red (56%)
- Green (18%)
- Blue (12%)



- Red (56%)
- Yellow (18%)
- Blue (12%)



- Cyan (0%)
- Magenta (69%)
- Yellow (78%)
- Black (44%)



- Cyan (44%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.7060, 62.9020, 16.4220 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 72.7060, 62.9020, 16.4220 by changing the saturation by 10% instead.

■ 72.7060, 62.9020,
16.4220

■ 72.7060, 62.9020,
16.4220

255.0000, -0.0000,
-0.0000

■ 44.5040, 60.6550,
18.5990

■ 125.7130, 70.1920,
16.4640

■ 25.4150, 50.6600,
18.0200

■ 153.2680, 72.9430,
16.1670

■ 17.3420, 34.5680,
12.2960

■ 177.9580, 70.8800,
15.0080

■ 7.8880, 15.1750,
5.8230

■ 197.4720, 54.5130,
8.7610

■ 0.0000, 0.0000,
0.0000

■ 216.8720, 38.4670,
2.2030

■ 236.5000, 21.7790,

-3.7330

252.6060, 6.7410,
-6.5310

72.7060, 62.9020,
16.4220

72.7060, 62.9020,
16.4220

63.4790, 70.9710,
18.8670

81.3460, 55.1080,
14.5000

54.7250, 79.0860,
20.4780

90.6870, 46.7180,
12.3660

53.3230, 80.2780,
20.9020

99.9140, 38.6490,
9.9210

108.5540, 30.8550,
7.9990

117.8950, 22.4650,
5.8650

■ 126.5350, 14.6710,
3.9430

■ 135.7620, 6.6020,
1.4980

■ 144.5160, -1.5130,
-0.1130

■ 153.7430, -9.5820,
-2.5580

Harmonies

Analogous

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



70.4400, 58.6800, 37.8800



72.7060, 62.9020, 16.4220



74.0350, 53.6450, -8.5550

Triad

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



72.7060, 62.9020, 16.4220



61.0090, -40.8910, -35.3790



65.7870, -73.6350, 7.3970

Complementary

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



72.7060, 62.9020, 16.4220



101.2940, -62.9020, -16.4220

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.



71.6740, -75.0550, 0.0890



72.7060, 62.9020, 16.4220



67.0850, -55.2440, -23.0520

Square

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



72.7060, 62.9020, 16.4220



65.3880, 0.2820, -38.1660



70.9440, -67.4880, -10.4000



80.9050, -8.7170, 31.3390

Rectangle

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



72.7060, 62.9020, 16.4220



74.2130, 38.1040, -18.7600



70.9440, -67.4880, -10.4000



68.2490, -75.0560, 5.6160

Sweetspot

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



72.7060, 62.9020, 16.4220



159.3790, 23.9780, 5.9780



75.7740, 34.9730, 54.5330



77.5350, 14.6710, 3.9430



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



72.7060, 62.9020, 16.4220



76.2390, 98.2500, 25.5940



104.9910, 47.7770, -12.3430



66.6800, 3.8970, 0.9610



50.3440, 75.7850, 19.7290



2.9790, 4.4930, 1.1730

Inverse Universe

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



101.2940, -62.9020, -16.4220



120.7610, -98.2500, -25.5940



69.0090, -47.7770, 12.3430



68.9070, -4.1720, -1.4840



84.6560, -75.7850, -19.7290



5.0210, -4.4930, -1.1730

Previews

White Background



This preview shows how the YIQ color 72.7060, 62.9020, 16.4220 looks on a white background.

Color Contrast Check

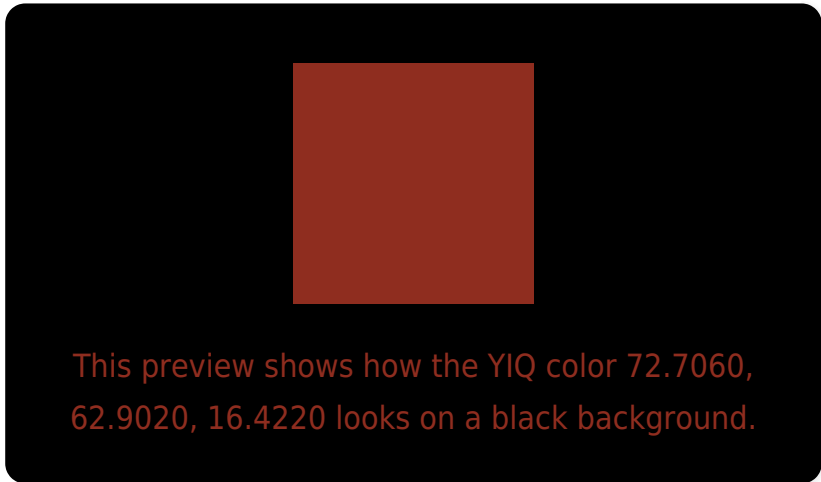
Large Text (above 18pt) WCAG AA ✓ Pass

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

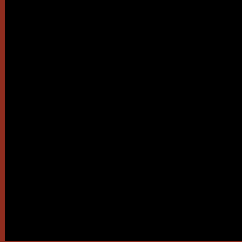
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.7060, 62.9020, 16.4220

Background



This preview shows how black text looks on a background with the YIQ color 72.7060, 62.9020, 16.4220.



This preview shows how white text looks on a background with the YIQ color 72.7060, 62.9020,

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

72.7060, 62.9020, 16.4220

Protanopia

77.9460, 17.2870, -10.4330

Deuteranopia

77.4330, 31.9130, -11.1830



Tritanopia

73.4270, 59.5540, 22.0340

Trichromacy



Original Color

72.7060, 62.9020, 16.4220

Protanomaly

75.8390, 34.0660, -0.6380

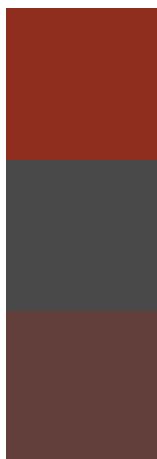
Deuteranomaly

75.8030, 42.9150, -1.3170

Tritanomaly

73.4440, 60.8840, 19.9560

Monochromacy



Original Color

72.7060, 62.9020, 16.4220

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.8950, 22.4650, 5.8650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.7060, 62.9020, 16.4220 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(143, 45, 31)` looks like.

```
.text, #text, p{  
    color:rgb(143, 45, 31)  
}
```

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(143, 45, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 45, 31) }
```

Border

The CSS property to change the border of an element to YIQ 72.7060, 62.9020, 16.4220 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(143, 45, 31) }
```


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

```
.border{ border-color:rgb(143, 45, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 45, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 45, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 45, 31);  
box-shadow:4px 4px 4px 4px rgb(143, 45,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 72.7060, 62.9020, 16.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 45, 31) }
```

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

```
.background{ background-color: rgb(143, 45,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor