

Converting Colors

YIQ(47.0640, 29.4790, 10.9110)

Have a look what the booklet for
YIQ(47.0640, 29.4790, 10.9110)
contains.

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Color

**YIQ(47.0640, 29.4790,
10.9110)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 522021 |
| RGB | 82, 32, 33 |
| RGB Percent | 32%, 13%, 13% |
| CMY | 0.6783, 0.8746, 0.8705 |
| CMYK | 0.00, 0.61, 0.60, 0.68 |
| HSL | 359°, 44%, 22% |
| HSV | 359°, 61%, 32% |
| XYZ | 4.2732, 2.9371, 1.7827 |
| YIQ | 47.0640, 29.4790, 10.9110 |

Conversions

Conversions Part 2

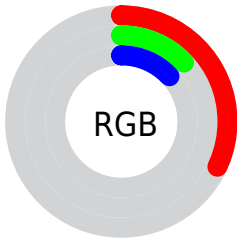
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 82, 32, 33 |
| Decimal | 5382177 |
| CIE Lab | 19.79, 23.52, 10.92 |
| CIE LCh | 20, 25.935, 24.906 |
| Yxy | 2.9371, 0.4752, 0.3266 |
| Android (android.graphics.Color) | 4283572257 (0xFF522021) |
| YUV | 47.0640, -6.9336, 30.6389 |
| Hunter-Lab | 17.1379, 14.5164, 5.8291 |

Details

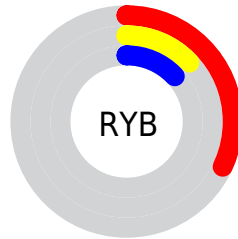
The YIQ color **47.0640, 29.4790, 10.9110** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.9360, -29.4790, -10.9110**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.6300, 33.6970, 11.5610**, and **10.8780, 21.1350, 7.9430** is the 20% darker color. If you saturate the color by 10%, you get **41.4560, 34.2470, 12.6070**, and if you desaturate by 10%, it is **52.6720, 24.7110, 9.2150**.

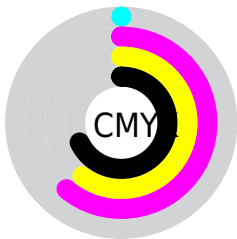
Distribution



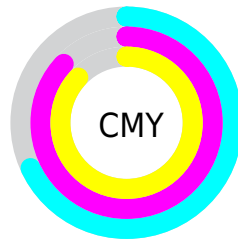
- Red (32%)
- Green (13%)
- Blue (13%)



- Red (32%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (61%)
- Yellow (60%)
- Black (68%)



- Cyan (68%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.0640, 29.4790, 10.9110 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 47.0640, 29.4790, 10.9110 by changing the saturation by 10% instead.

■ 47.0640, 29.4790,
10.9110

■ 47.0640, 29.4790,
10.9110

■ 255.0000, -0.0000,
-0.0000

■ 23.5800, 27.9660,
10.7980

■ 94.6300, 33.6970,
11.5610

■ 10.8780, 21.1350,
7.9430

■ 120.4130, 35.8060,
11.8860

■ 0.0000, 0.0000,
0.0000

■ 146.3100, 37.5940,
12.5220


■ 172.9080, 38.7860,
12.9460


■ 200.5060, 39.9780,
13.3700


■ 222.4120, 28.3790,


8.8190


 242.6270, 11.4160,
2.3600


 47.0640, 29.4790,
10.9110


 47.0640, 29.4790,
10.9110


 41.4560, 34.2470,
12.6070


 52.6720, 24.7110,
9.2150


 35.8480, 39.0150,
14.3030


 58.2800, 19.9430,
7.5190

 29.6530, 44.0580,
16.5220

 64.4750, 14.9000,
5.3000

 24.7460, 48.2300,
18.0060

 70.0830, 10.1320,
3.6040

 75.6910, 5.3640,
1.9080

■ 81.2990, 0.5960,
0.2120

■ 86.9070, -4.1720,
-1.4840

■ 93.1020, -9.2150,
-3.7030

■ 98.7100, -13.9830,
-5.3990

Harmonies

Analogous

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



48.0450, 22.4630, 16.9190



47.0640, 29.4790, 10.9110



46.6690, 28.7930, 1.3130

Triad

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



47.0640, 29.4790, 10.9110



40.5170, -12.4220, -17.1740



39.7410, -41.6310, 0.0730

Complementary

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



47.0640, 29.4790, 10.9110



66.9360, -29.4790, -10.9110

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.



41.2910, -40.4840, -4.1960



47.0640, 29.4790, 10.9110



38.4750, -29.7990, -16.1270

Square

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



47.0640, 29.4790, 10.9110



43.9340, 8.3930, -14.4470



40.6410, -35.8980, -10.2180



48.0330, -12.7940, 11.6060

Rectangle

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



47.0640, 29.4790, 10.9110



45.8870, 24.9430, -6.0090



40.6410, -35.8980, -10.2180



40.6870, -41.5390, -1.5950

Sweetspot

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



47.0640, 29.4790, 10.9110



93.6810, 11.3240, 4.0280



52.0520, 12.5580, 25.7260



45.5880, 7.1520, 2.5440



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



47.0640, 29.4790, 10.9110



52.5500, 45.8460, 17.1580



60.4510, 23.4750, -1.4290



38.1960, 2.3840, 0.8480



31.6230, 61.9380, 22.8820



69.9380, 136.6670, 50.7390

Inverse Universe

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



47.0640, 29.4790, 10.9110



52.5500, 45.8460, 17.1580



53.5490, -23.4750, 1.4290



38.1960, 2.3840, 0.8480



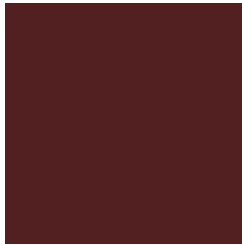
31.6230, 61.9380, 22.8820



69.9380, 136.6670, 50.7390

Previews

White Background



This preview shows how the YIQ color 47.0640, 29.4790, 10.9110 looks on a white background.

Color Contrast Check

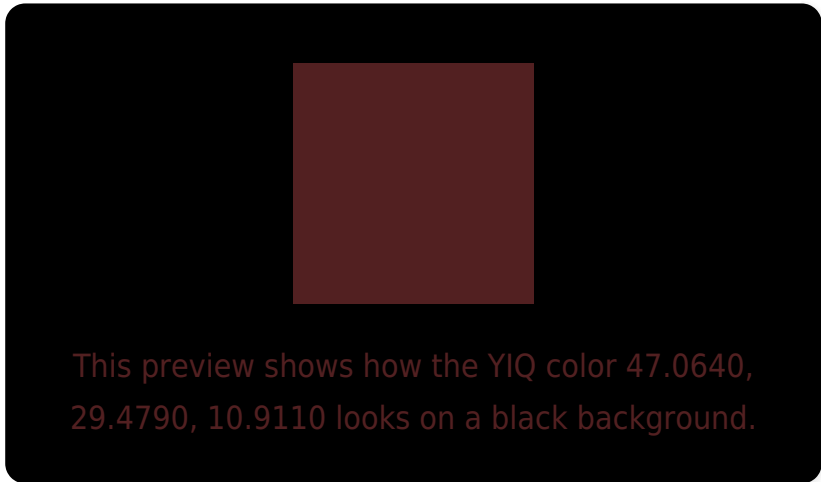
Large Text (above 18pt) WCAG AA ✓ Pass

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

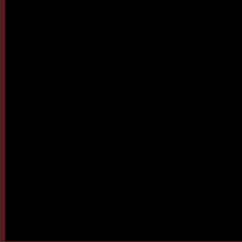
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.0640, 29.4790, 10.9110

Background



This preview shows how black text looks on a background with the YIQ color 47.0640, 29.4790, 10.9110.



This preview shows how white text looks on a background with the YIQ color 47.0640, 29.4790,

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

47.0640, 29.4790, 10.9110

Protanopia

48.8710, 4.6770, -2.1630

Deuteranopia

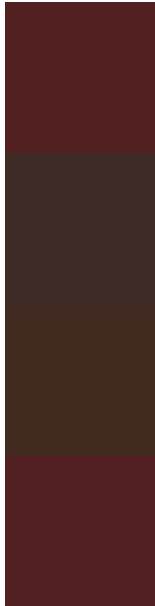
48.7640, 12.2880, -2.4320



Tritanopia

47.1780, 29.1580, 11.2220

Trichromacy



Original Color

47.0640, 29.4790, 10.9110

Protanomaly

48.2960, 13.8460, 2.3740

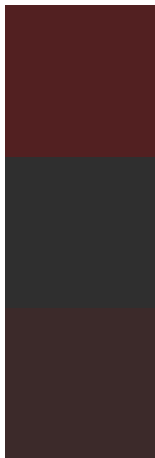
Deuteranomaly

48.3350, 18.1100, 2.1900

Tritanomaly

47.1780, 29.1580, 11.2220

Monochromacy



Original Color

47.0640, 29.4790, 10.9110

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.3820, 10.7280, 3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.0640, 29.4790, 10.9110 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(82, 32, 33)` looks like.

```
.text, #text, p{  
    color:rgb(82, 32, 33)  
}
```

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(82, 32, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 32, 33) }
```

Border

The CSS property to change the border of an element to YIQ 47.0640, 29.4790, 10.9110 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(82, 32, 33) }
```


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

```
.border{ border-color:rgb(82, 32, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 32, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 32, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 32, 33);  
box-shadow:4px 4px 4px 4px rgb(82, 32, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.0640, 29.4790, 10.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 32, 33) }
```

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

```
.background{ background-color: rgb(82, 32,  
33) }
```

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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