

Converting Colors

YIQ(40.0640, 29.4790, 10.9110)

Have a look what the booklet for
YIQ(40.0640, 29.4790, 10.9110)
contains.

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Color

**YIQ(40.0640, 29.4790,
10.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	4B191A
RGB	75, 25, 26
RGB Percent	29%, 10%, 10%
CMY	0.7058, 0.9020, 0.8979
CMYK	0.00, 0.67, 0.65, 0.71
HSL	359°, 50%, 20%
HSV	359°, 67%, 29%
XYZ	3.4380, 2.2662, 1.2352
YIQ	40.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

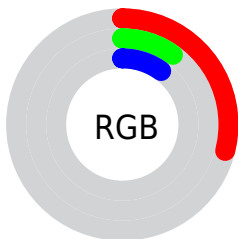
Format	Color
RYB	75, 25, 26
Decimal	4921626
CIELab	16.83, 23.87, 11.66
CIELCh	17, 26.561, 26.034
Yxy	2.2662, 0.4954, 0.3266
Android (android.graphics.Color)	4283111706 (0xFF4B191A)
YUV	40.0640, -6.9336, 30.6389
Hunter-Lab	15.0538, 14.4220, 5.6726

Details

The YIQ color **40.0640, 29.4790, 10.9110** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **59.9360, -29.4790, -10.9110**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.5160, 34.0180, 11.2500**, and **6.5780, 13.1120, 4.6640** is the 20% darker color. If you saturate the color by 10%, you get **34.5700, 33.9260, 12.9180**, and if you desaturate by 10%, it is **44.9710, 25.3070, 9.4270**.

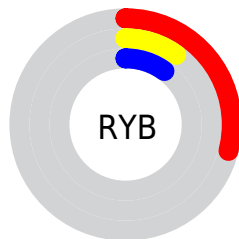
Distribution



Red (29%)

Green (10%)

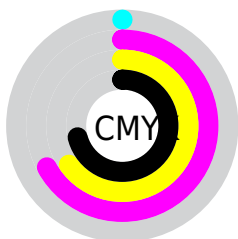
Blue (10%)



Red (29%)

Yellow (10%)

Blue (10%)

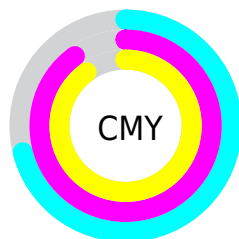


Cyan (0%)

Magenta (67%)

Yellow (65%)

Black (71%)



Cyan (71%)

Magenta (90%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.0640, 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 40.0640, 29.4790, 10.9110 by changing the saturation by 10% instead.

40.0640, 29.4790,
10.9110

40.0640, 29.4790,
10.9110

254.7720, 0.6420,
-0.6220

16.4230, 29.8460,
9.7660

87.5160, 34.0180,
11.2500

6.5780, 13.1120,
4.6640

112.4130, 35.8060,
11.8860

0.0000, 0.0000,
0.0000

138.1960, 37.9150,
12.2110

165.0930, 39.7030,
12.8470

192.5770, 41.2160,
12.9600

216.5760, 33.7890,

9.8930

236.2040, 17.1010,
3.9570

40.0640, 29.4790,
10.9110

40.0640, 29.4790,
10.9110

34.5700, 33.9260,
12.9180

44.9710, 25.3070,
9.4270

29.5490, 38.4190,
14.0910

50.5790, 20.5390,
7.7310

24.0550, 42.8660,
16.0980

55.4860, 16.3670,
6.2470

22.6530, 44.0580,
16.5220

60.9800, 11.9200,
4.2400

66.0010, 7.4270,
3.0670

■ 71.4950, 2.9800,
1.0600

■ 76.9890, -1.4670,
-0.9470

■ 82.0100, -5.9600,
-2.1200

■ 87.5040, -10.4070,
-4.1270

Harmonies

Analogous

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



40.7570, 23.3340, 17.6540



40.0640, 29.4790, 10.9110



39.6150, 28.8850, -0.3550

Triad

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



40.0640, 29.4790, 10.9110



33.0220, -15.4020, -18.2340



34.8340, -37.4590, 1.5570

Complementary

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



40.0640, 29.4790, 10.9110



59.9360, -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.



37.0850, -36.9080, -2.9240



40.0640, 29.4790, 10.9110



33.6820, -25.9480, -14.3320

Square

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



40.0640, 29.4790, 10.9110



37.1790, 9.0810, -15.9030



35.9620, -32.3680, -8.1120



42.0330, -12.7940, 11.6060

Rectangle

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



40.0640, 29.4790, 10.9110



39.3600, 24.9890, -6.8430



35.9620, -32.3680, -8.1120



35.8940, -37.6880, 0.2000

Sweetspot

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



40.0640, 29.4790, 10.9110



83.6810, 11.3240, 4.0280



45.0520, 12.5580, 25.7260



40.2890, 6.5560, 2.3320



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



40.0640, 29.4790, 10.9110



42.5500, 45.8460, 17.1580



53.4510, 23.4750, -1.4290



35.3100, 2.0630, 1.1590



30.7260, 60.1500, 22.2460



69.3400, 135.4750, 50.3150

Inverse Universe

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



40.0640, 29.4790, 10.9110



42.5500, 45.8460, 17.1580



46.5490, -23.4750, 1.4290



35.3100, 2.0630, 1.1590



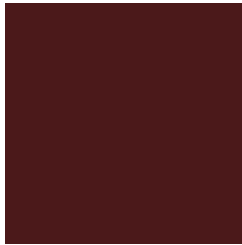
30.7260, 60.1500, 22.2460



69.3400, 135.4750, 50.3150

Previews

White Background



This preview shows how the YIQ color 40.0640, 29.4790, 10.9110 looks on a white background.

Color Contrast Check

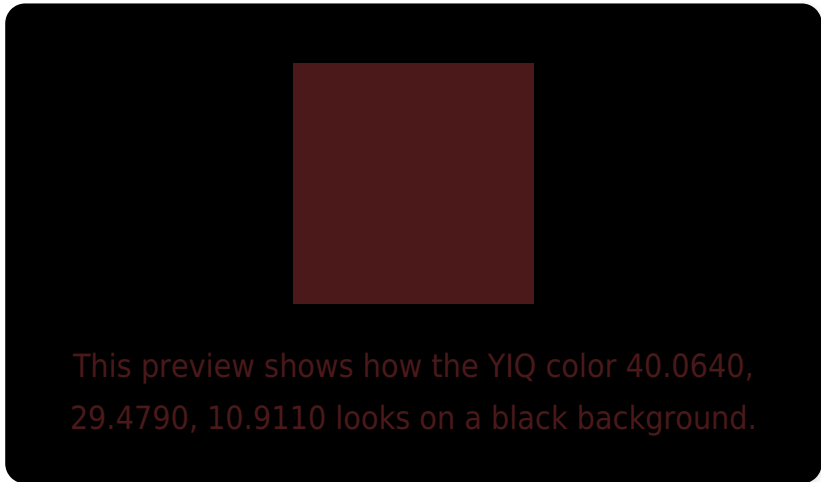
Large Text (above 18pt) WCAG AA ✓ Pass

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

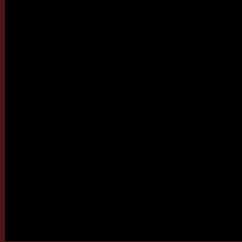
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.0640, 29.4790, 10.9110

Background



This preview shows how black text looks on a background with the YIQ color 40.0640, 29.4790, 10.9110.



This preview shows how white text looks on a background with the YIQ color 40.0640, 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

40.0640, 29.4790, 10.9110

Protanopia

42.7570, 4.9980, -2.4740

Deuteranopia

42.2370, 12.3340, -3.2660



Tritanopia

40.0640, 29.4790, 10.9110

Trichromacy



Original Color

40.0640, 29.4790, 10.9110

Protanomaly

41.5950, 14.4420, 2.5860

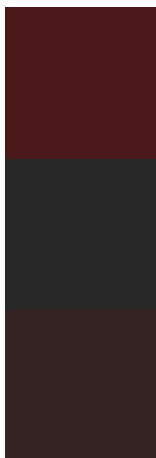
Deuteranomaly

41.2210, 18.4310, 1.8790

Tritanomaly

40.0640, 29.4790, 10.9110

Monochromacy



Original Color

40.0640, 29.4790, 10.9110

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.3820, 10.7280, 3.8160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.0640, 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(75, 25, 26)` looks like.

```
.text, #text, p{  
    color:rgb(75, 25, 26)  
}
```

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(75, 25, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 25, 26) }
```

Border

The CSS property to change the border of an element to YIQ 40.0640, 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(75, 25, 26) }
```


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

```
.border{ border-color:rgb(75, 25, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 25, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 25, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 25, 26);  
box-shadow:4px 4px 4px 4px rgb(75, 25, 26)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.0640, 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(75, 25, 26) }
```

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

```
.background{ background-color: rgb(75, 25,  
26) }
```

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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