

Converting Colors

YIQ(40.4380, 25.4900, 11.6180)

Have a look what the booklet for
YIQ(40.4380, 25.4900, 11.6180)
contains.

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Color

**YIQ(40.4380, 25.4900,
11.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	481A20
RGB	72, 26, 32
RGB Percent	28%, 10%, 13%
CMY	0.7175, 0.8981, 0.8744
CMYK	0.00, 0.64, 0.56, 0.72
HSL	352°, 47%, 19%
HSV	352°, 64%, 28%
XYZ	3.3047, 2.2212, 1.6228
YIQ	40.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

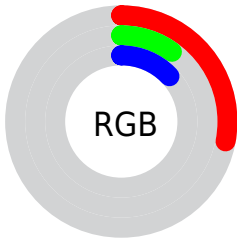
Format	Color
RYB	72, 26, 32
Decimal	4725280
CIELab	16.61, 22.64, 7.00
CIElCh	17, 23.700, 17.182
Yxy	2.2212, 0.4623, 0.3107
Android (android.graphics.Color)	4282915360 (0xFF481A20)
YUV	40.4380, -4.1599, 27.6799
Hunter-Lab	14.9036, 13.4983, 3.9766

Details

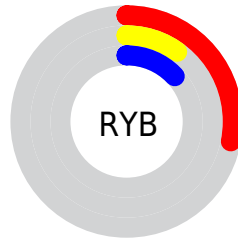
The YIQ color **40.4380, 25.4900, 11.6180** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **57.5620, -25.4900, -11.6180**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.7050, 29.1120, 12.0560**, and **5.6810, 11.3240, 4.0280** is the 20% darker color. If you saturate the color by 10%, you get **35.6450, 29.3410, 13.4130**, and if you desaturate by 10%, it is **45.2310, 21.6390, 9.8230**.

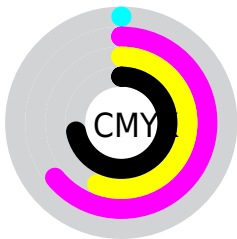
Distribution



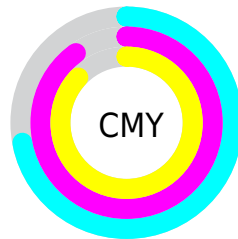
- Red (28%)
- Green (10%)
- Blue (13%)



- Red (28%)
- Yellow (10%)
- Blue (13%)



- Cyan (0%)
- Magenta (64%)
- Yellow (56%)
- Black (72%)



- Cyan (72%)
- Magenta (90%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.4380, 25.4900, 11.6180 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 40.4380, 25.4900, 11.6180 by changing the saturation by 10% instead.

■ 40.4380, 25.4900,
11.6180

■ 40.4380, 25.4900,
11.6180

■ 255.0000, -0.0000,
-0.0000

■ 17.6120, 24.9400,
10.5720

■ 87.7050, 29.1120,
12.0560

■ 5.6810, 11.3240,
4.0280

■ 112.6020, 30.9000,
12.6920

■ 0.0000, 0.0000,
0.0000

■ 138.4990, 32.6880,
13.3280

■ 164.9830, 34.2010,
13.4410

■ 192.2820, 34.7970,
13.6530

■ 217.4880, 31.2210,

12.3810

237.2300, 14.2120,
6.7560

40.4380, 25.4900,
11.6180

40.4380, 25.4900,
11.6180

35.6450, 29.3410,
13.4130

45.2310, 21.6390,
9.8230

30.8520, 33.1920,
15.2080

50.1380, 17.4670,
8.3390

25.3580, 37.6390,
17.2150

55.5180, 13.3410,
6.0210

22.5540, 40.0230,
18.0630

60.3110, 9.4900,
4.2260

65.1040, 5.6390,
2.4310

■ 70.0110, 1.4670,
0.9470

■ 74.8040, -2.3840,
-0.8480

■ 80.1840, -6.5100,
-3.1660

■ 84.9770, -10.3610,
-4.9610

Harmonies

Analogous

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



41.7670, 17.3740, 15.5340



40.4380, 25.4900, 11.6180



40.1680, 25.9500, 3.2780

Triad

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



40.4380, 25.4900, 11.6180



35.8060, -5.8660, -14.8420



34.8510, -36.1290, -0.5210

Complementary

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



40.4380, 25.4900, 11.6180



57.5620, -25.4900, -11.6180

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.



35.5860, -34.0650, -4.8890



40.4380, 25.4900, 11.6180



32.5250, -24.0680, -15.3640

Square

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



40.4380, 25.4900, 11.6180



37.8420, 11.6480, -12.8640



34.5770, -29.8460, -9.7660



40.1740, -17.7450, 7.7190

Rectangle

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



40.4380, 25.4900, 11.6180



39.4680, 24.8050, -3.5070



34.5770, -29.8460, -9.7660



35.2100, -35.7620, -1.6660

Sweetspot

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



40.4380, 25.4900, 11.6180



81.7240, 9.7650, 4.7490



43.2040, 9.0740, 22.7860



40.5170, 5.9140, 2.9540



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.



40.4380, 25.4900, 11.6180



44.5540, 40.0230, 18.0630



49.7330, 22.7410, 0.8610



33.3100, 2.0630, 1.1590



31.0830, 54.8310, 25.0310



71.2930, 125.6620, 57.4540

Inverse Universe

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



40.4380, 25.4900, 11.6180



44.5540, 40.0230, 18.0630



48.2670, -22.7410, -0.8610



33.3100, 2.0630, 1.1590



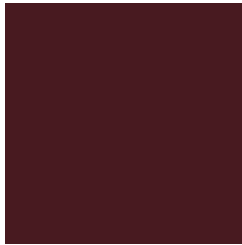
31.0830, 54.8310, 25.0310



71.2930, 125.6620, 57.4540

Previews

White Background



This preview shows how the YIQ color 40.4380, 25.4900, 11.6180 looks on a white background.

Color Contrast Check

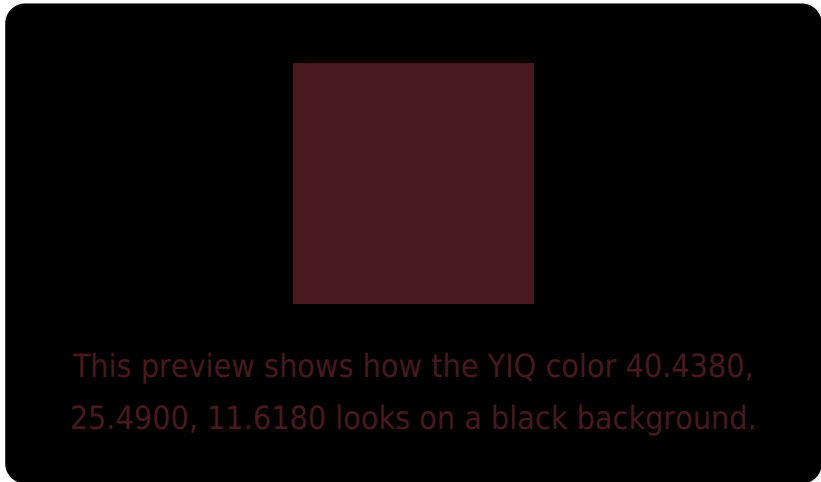
Large Text (above 18pt) WCAG AA ✓ Pass

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

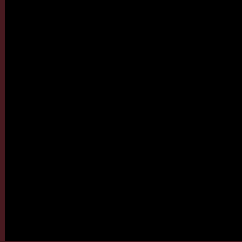
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 40.4380, 25.4900, 11.6180

Background



This preview shows how black text looks on a background with the YIQ color 40.4380, 25.4900, 11.6180.



This preview shows how white text looks on a background with the YIQ color 40.4380, 25.4900,

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

40.4380, 25.4900, 11.6180

Protanopia

42.3700, 1.8340, -0.1980

Deuteranopia

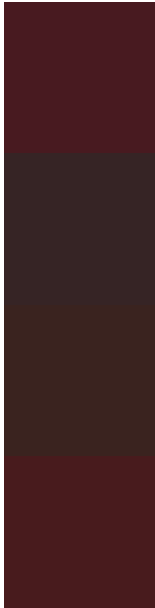
41.8500, 9.1700, -0.9900



Tritanopia

40.5690, 26.4990, 9.8510

Trichromacy



Original Color

40.4380, 25.4900, 11.6180

Protanomaly

41.4960, 10.4070, 4.1270

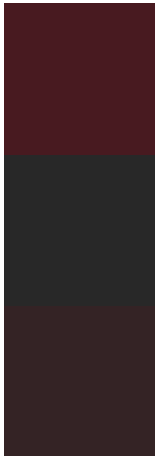
Deuteranomaly

41.4210, 14.9920, 3.6320

Tritanomaly

40.6830, 26.1780, 10.1620

Monochromacy



Original Color

40.4380, 25.4900, 11.6180

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.3110, 9.4900, 4.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.4380, 25.4900, 11.6180 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(72, 26, 32)` looks like.

```
.text, #text, p{  
    color:rgb(72, 26, 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(72, 26, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 26, 32) }
```

Border

The CSS property to change the border of an element to YIQ 40.4380, 25.4900, 11.6180 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(72, 26, 32) }
```


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

```
.border{ border-color:rgb(72, 26, 32) }
```

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

Here you see how a box with a 4 pixel rgb(72, 26, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 26, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 26, 32);  
box-shadow:4px 4px 4px 4px rgb(72, 26, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.4380, 25.4900, 11.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 26, 32) }
```

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

```
.background{ background-color: rgb(72, 26,  
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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