

Converting Colors

YIQ(25.8740, 9.7630, 15.8030)

Have a look what the booklet for
YIQ(25.8740, 9.7630, 15.8030)
contains.

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Color

**YIQ(25.8740, 9.7630,
15.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	2D0D2A
RGB	45, 13, 42
RGB Percent	18%, 5%, 16%
CMY	0.8234, 0.9491, 0.8353
CMYK	0.00, 0.71, 0.07, 0.82
HSL	306°, 55%, 11%
HSV	306°, 71%, 18%
XYZ	1.6450, 1.0131, 2.2997
YIQ	25.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

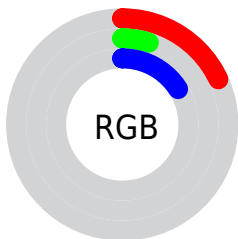
Format	Color
R_{YB}	45, 13, 42
Decimal	2952490
CIE Lab	9.10, 21.14, -12.01
CIE LCh	9, 24.314, 330.406
Yxy	1.0131, 0.3318, 0.2043
Android (android.graphics.Color)	4281142570 (0xFF2D0D2A)
YUV	25.8740, 7.9501, 16.7735
Hunter-Lab	10.0655, 11.5575, -6.5006




Details

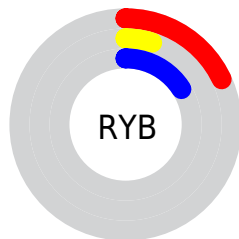
The YIQ color **25.8740, 9.7630, 15.8030** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **32.1260, -9.7630, -15.8030**, and the grayscale version is **26.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **70.8850, 11.2300, 16.7500**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.9390, 11.1380, 18.4180**, and if you desaturate by 10%, it is **28.2220, 8.6630, 13.7110**.

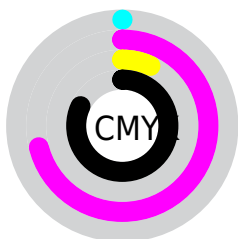
Distribution







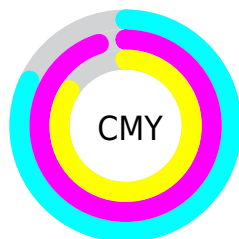
-  Red (18%)
-  Green (5%)
-  Blue (16%)






-  Red (18%)
-  Yellow (5%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (7%)
-  Black (82%)



-  Cyan (82%)
-  Magenta (95%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 25.8740, 9.7630, 15.8030 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 25.8740, 9.7630, 15.8030 by changing the saturation by 10% instead.

■ 25.8740, 9.7630,
15.8030

■ 25.8740, 9.7630,
15.8030

■ 245.6080, 4.4000,
8.3680

■ 9.9830, 7.8380,
12.1420

■ 70.8850, 11.2300,
16.7500

■ 0.0000, 0.0000,
0.0000

■ 94.7110, 11.7800,
17.7960


■ 120.0100, 12.3760,
18.0080

■ 145.8360, 12.9260,
19.0540

■ 172.2490, 13.2010,
19.5770


■ 199.9610, 14.0720,

20.3120


 227.9610, 14.0720,
20.3120


 25.8740, 9.7630,
15.8030


 25.8740, 9.7630,
15.8030

 22.9390, 11.1380,
18.4180

 28.2220, 8.6630,
13.7110


 20.4770, 12.5590,
20.1990

 31.2710, 6.9670,
11.4070

 18.1290, 13.6590,
22.2910

 33.6190, 5.8670,
9.3150

 36.6680, 4.1710,
7.0110

 39.6030, 2.7960,
4.3960

■ 42.0650, 1.3750,
2.6150

■ 45.0000, -0.0000,
-0.0000

■ 47.3480, -1.1000,
-2.0920

■ 50.3970, -2.7960,
-4.3960

Harmonies

Analogous

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



25.9580, -8.2090, 11.1110



25.8740, 9.7630, 15.8030



23.8060, 21.6380, 15.3500

Triad

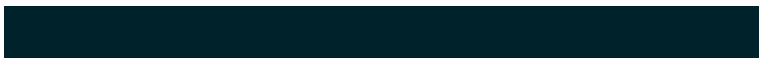
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.8740, 9.7630, 15.8030



24.5420, 12.7930, -6.0790



24.7460, -22.8320, -4.7200

Complementary

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



25.8740, 9.7630, 15.8030



32.1260, -9.7630, -15.8030

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.



22.8080, -17.3750, -10.0070



25.8740, 9.7630, 15.8030



22.6930, 1.8820, -12.0860

Square

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



25.8740, 9.7630, 15.8030



24.3200, 22.4660, 0.3380



19.7130, -10.0380, -16.3260



24.9400, -26.1340, 0.0580

Rectangle

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



25.8740, 9.7630, 15.8030



23.0250, 25.2150, 11.0950



19.7130, -10.0380, -16.3260



24.1760, -21.2270, -6.2750

Sweetspot

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



25.8740, 9.7630, 15.8030



51.1410, 4.2170, 6.1770



17.5450, -8.4840, 10.5880



26.1900, 2.5210, 3.8730



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



25.8740, 9.7630, 15.8030



29.0800, 15.3550, 24.5950



24.0500, 14.8990, 10.8270



21.8260, 0.5500, 1.0460



35.0190, 26.4930, 43.0130



86.1020, 65.2700, 105.7020

Inverse Universe

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



25.8740, 9.7630, 15.8030



29.0800, 15.3550, 24.5950



33.9500, -14.8990, -10.8270



21.8260, 0.5500, 1.0460



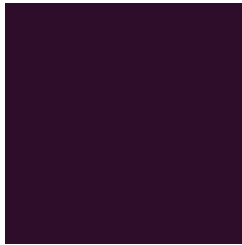
35.0190, 26.4930, 43.0130



86.1020, 65.2700, 105.7020

Previews

White Background



This preview shows how the YIQ color 25.8740, 9.7630, 15.8030 looks on a white background.

Color Contrast Check

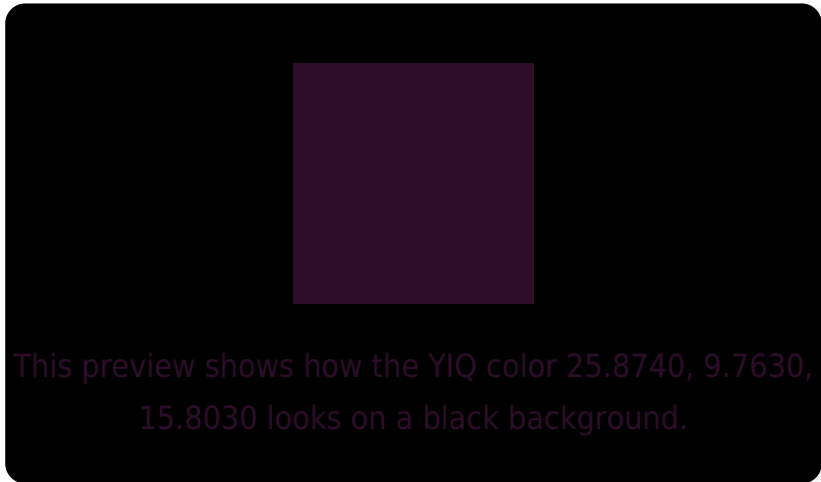
Large Text (above 18pt) WCAG AA ✓ Pass

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

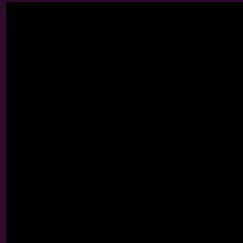
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 25.8740, 9.7630, 15.8030

Background



This preview shows how black text looks on a background with the YIQ color 25.8740, 9.7630, 15.8030.



This preview shows how white text looks on a background with the YIQ color 25.8740, 9.7630,

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

25.8740, 9.7630, 15.8030

Protanopia

24.1090, -19.1200, 5.1040

Deuteranopia

26.9870, -7.1530, 2.9830



Tritanopia

26.9910, 13.3870, 5.1870

Trichromacy



Original Color

25.8740, 9.7630, 15.8030

Protanomaly

24.6050, -8.7130, 9.2310

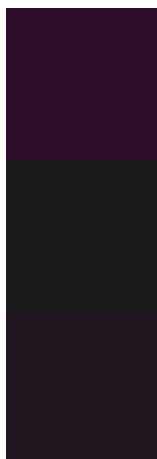
Deuteranomaly

26.5580, -1.3310, 7.6050

Tritanomaly

26.4410, 12.2400, 9.4560

Monochromacy



Original Color

25.8740, 9.7630, 15.8030

Achromatopsia

26.0000, -0.0000, -0.0000

Achromatomaly

25.8420, 3.6210, 5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 25.8740, 9.7630, 15.8030 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(45, 13, 42)` looks like.

```
.text, #text, p{  
    color:rgb(45, 13, 42)  
}
```

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(45, 13, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 13, 42) }
```

Border

The CSS property to change the border of an element to YIQ 25.8740, 9.7630, 15.8030 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(45, 13, 42) }
```


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

```
.border{ border-color:rgb(45, 13, 42) }
```

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

Here you see how a box with a 4 pixel rgb(45, 13, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 13, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 13, 42);  
box-shadow:4px 4px 4px 4px rgb(45, 13, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 25.8740, 9.7630, 15.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 13, 42) }
```

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

```
.background{ background-color: rgb(45, 13,  
42) }
```

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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