

Converting Colors

YIQ(30.7660, -15.2750, 40.0610)

Have a look what the booklet for
YIQ(30.7660, -15.2750, 40.0610)
contains.

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Color

**YIQ(30.7660, -15.2750,
40.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	290974
RGB	41, 9, 116
RGB Percent	16%, 4%, 45%
CMY	0.8391, 0.9648, 0.5452
CMYK	0.65, 0.92, 0.00, 0.55
HSL	258°, 86%, 25%
HSV	258°, 92%, 45%
XYZ	4.1637, 1.9274, 16.6644
YIQ	30.7660, -15.2750, 40.0610

Conversions

Conversions Part 2

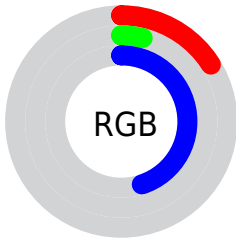
Format	Color
RYB	41, 9, 116
Decimal	2689396
CIELab	15.10, 42.20, -53.36
CIElCh	15, 68.030, 308.341
Yxy	1.9274, 0.1830, 0.0847
Android (android.graphics.Color)	4280879476 (0xFF290974)
YUV	30.7660, 42.0204, 8.9752
Hunter-Lab	13.8829, 29.2398, -61.4508

Details

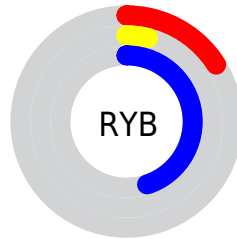
The YIQ color **30.7660, -15.2750, 40.0610** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **94.2340, 15.2750, -40.0610**, and the grayscale version is **30.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.2010, -12.0660, 42.4780**, and **7.5240, -21.1860, 20.5260** is the 20% darker color. If you saturate the color by 10%, you get **23.6890, -16.3760, 43.4960**, and if you desaturate by 10%, it is **40.2020, -13.8070, 35.4810**.

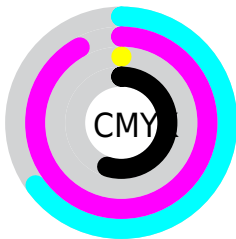
Distribution



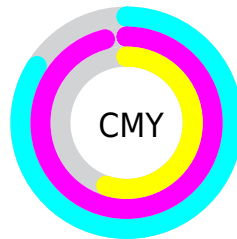
- Red (16%)
- Green (4%)
- Blue (45%)



- Red (16%)
- Yellow (4%)
- Blue (45%)



- Cyan (65%)
- Magenta (92%)
- Yellow (0%)
- Black (55%)



- Cyan (84%)
- Magenta (96%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 30.7660, -15.2750, 40.0610 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 30.7660, -15.2750, 40.0610 by changing the saturation by 10% instead.

■ 30.7660, -15.2750,
40.0610

■ 30.7660, -15.2750,
40.0610

■ 249.1300, 2.7500,
5.2300

■ 10.6730, -28.6150,
28.5130

■ 83.2010, -12.0660,
42.4780

■ 7.5240, -21.1860,
20.5260

■ 108.8530,
-10.9660, 44.5700

■ 6.6630, -14.6280,
11.8040

■ 135.0920,
-10.1410, 46.1390

■ 2.9810, -7.0160,
6.0080

■ 162.0320, -9.9120,
47.4960

■ 0.0000, 0.0000,
0.0000

■ 186.6660, -0.3740,
39.8340

■ 211.1860, 9.4850,

31.8610

■ 232.1070, 10.7250,
20.3970

■ 30.7660, -15.2750,
40.0610

■ 30.7660, -15.2750,
40.0610

■ 23.6890, -16.3760,
43.4960

■ 40.2020, -13.8070,
35.4810

■ 49.0510, -12.0640,
31.4240

■ 58.4870, -10.5960,
26.8440

■ 67.6350, -8.2570,
22.9990

■ 77.0710, -6.7890,
18.4190

■ 86.5070, -5.3210,
13.8390

■ 95.3560, -3.5780,
9.7820

■ 104.7920, -2.1100,
5.2020

■ 113.6410, -0.3670,
1.1450

Harmonies

Analogous

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



40.8590, -55.8020, 20.1180



30.7660, -15.2750, 40.0610



38.4500, 35.5250, 44.5250

Triad

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



30.7660, -15.2750, 40.0610



33.5780, 39.4750, 5.9630



38.0990, -31.4960, -12.9040

Complementary

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



30.7660, -15.2750, 40.0610



94.2340, 15.2750, -40.0610

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.



31.1110, -14.5750, -27.7190



30.7660, -15.2750, 40.0610



34.8310, 10.1810, -13.8110

Square

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



30.7660, -15.2750, 40.0610



30.4980, 60.7920, 21.6240



28.7630, -13.4750, -25.6270



43.4570, -46.5830, 1.7130

Rectangle

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



30.7660, -15.2750, 40.0610



38.3900, 52.9490, 37.1170



28.7630, -13.4750, -25.6270



35.5740, -25.7640, -17.6680

Sweetspot

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



30.7660, -15.2750, 40.0610



116.6750, -5.7340, 15.8180



66.3970, -55.5220, -6.9940



55.4700, -3.8990, 10.0930



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



30.7660, -15.2750, 40.0610



30.5550, -21.3300, 56.1900



46.3140, 15.7170, 51.0850



54.2820, -0.7340, 2.2900



24.9710, -17.1100, 45.7860



50.9250, -35.5500, 93.6500

Inverse Universe

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



49.5430, 39.6970, 46.0090



56.8200, 55.6950, 64.4550



78.6860, -15.7170, -51.0850



55.2500, 2.2920, 2.5160



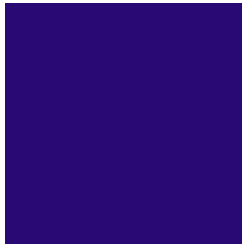
46.2820, 45.1060, 52.6100



94.7000, 92.8250, 107.4250

Previews

White Background



This preview shows how the YIQ color 30.7660, -15.2750, 40.0610 looks on a white background.

Color Contrast Check

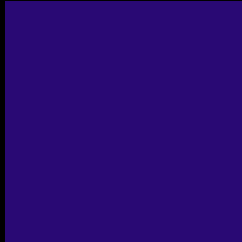
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 30.7660, -15.2750, 40.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

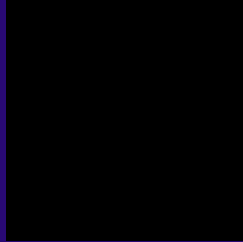
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 30.7660, -15.2750, 40.0610

Background



This preview shows how black text looks on a background with the YIQ color 30.7660, -15.2750, 40.0610.



This preview shows how white text looks on a background with the YIQ color 30.7660, -15.2750,

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

30.7660, -15.2750, 40.0610

Deuteranopia

31.9330, -33.4240, 0.0160

Trichromacy



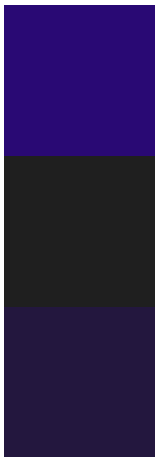
Original Color

30.7660, -15.2750, 40.0610

Deuteranomaly

31.3120, -26.6410, 14.7590

Monochromacy



Original Color

30.7660, -15.2750, 40.0610

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.0340, -5.3670, 14.6730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 30.7660, -15.2750, 40.0610 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(41, 9, 116)` looks like.

```
.text, #text, p{  
    color:rgb(41, 9, 116)  
}
```

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(41, 9, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 9, 116) }
```

Border

The CSS property to change the border of an element to YIQ 30.7660, -15.2750, 40.0610 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(41, 9, 116) }
```

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

```
.border{ border-color:rgb(41, 9, 116) }
```

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

Here you see how a box with a 4 pixel rgb(41, 9, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 9, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 9, 116);  
box-shadow:4px 4px 4px 4px rgb(41, 9, 116)  
}
```


Background

The CSS property to change the background color of an element to YIQ 30.7660, -15.2750, 40.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 9, 116) }
```

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

```
.background{ background-color: rgb(41, 9,  
116) }
```

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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