

Converting Colors

YIQ(63.2740, -76.2040, 15.4120)

Have a look what the booklet for
YIQ(63.2740, -76.2040, 15.4120)
contains.

YIQ(63.2740, -76.2040, 15.4120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(63.2740, -76.2040,
15.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	004AAE
RGB	0, 74, 174
RGB Percent	0%, 29%, 68%
CMY	0.9999, 0.7097, 0.3180
CMYK	1.00, 0.57, 0.00, 0.32
HSL	214°, 100%, 34%
HSV	214°, 100%, 68%
XYZ	10.0814, 7.9540, 40.9988
YIQ	63.2740, -76.2040, 15.4120

Conversions

Conversions Part 2

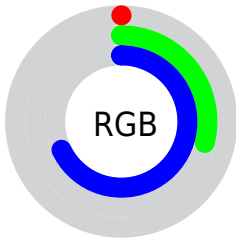
Format	Color
RYB	0, 52, 174
Decimal	19118
CIELab	33.89, 21.65, -58.41
CIELCh	34, 62.294, 290.339
Yxy	7.9540, 0.1708, 0.1347
Android (android.graphics.Color)	4278209198 (0xFF004AAE)
YUV	63.2740, 54.5879, -55.4913
Hunter-Lab	28.2028, 14.4521, -66.4489

Details

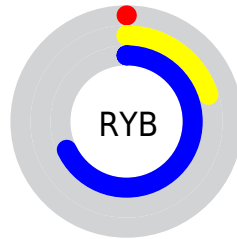
The YIQ color **63.2740, -76.2040, 15.4120** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **110.7260, 76.2040, -15.4120**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0430, -53.1440, 27.0160**, and **32.4640, -47.3200, 20.5840** is the 20% darker color. If you saturate the color by 10%, you get **63.2740, -76.2040, 15.4120**, and if you desaturate by 10%, it is **74.2270, -68.8220, 13.7860**.

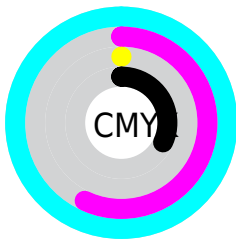
Distribution



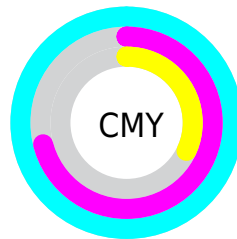
- Red (0%)
- Green (29%)
- Blue (68%)



- Red (0%)
- Yellow (20%)
- Blue (68%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (71%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.2740, -76.2040, 15.4120 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 63.2740, -76.2040, 15.4120 by changing the saturation by 10% instead.

■ 63.2740, -76.2040,
15.4120

■ 63.2740, -76.2040,
15.4120

■ 255.0000, -0.0000,
-0.0000

■ 47.2820, -61.4870,
18.5210

■ 125.0430,
-53.1440, 27.0160

■ 32.4640, -47.3200,
20.5840

■ 152.4240,
-49.8430, 27.7650

■ 17.2870, -33.5200,
23.7920

■ 176.6560,
-39.1130, 20.5270

■ 12.6760, -24.6700,
17.5860

■ 201.1760,
-29.2540, 12.5540

■ 7.7060, -16.1870,
12.5250

■ 226.5820,
-19.0740, 4.2700

■ 3.4370, -8.3000,
7.2520

■ 251.1130, -7.7480,

■ 0.0000, 0.0000,

-2.7560

0.0000

■ 63.2740, -76.2040,
15.4120

■ 74.2270, -68.8220,
13.7860

■ 85.4790, -60.8440,
12.3720

■ 96.4320, -53.4620,
10.7460

■ 107.6840,
-45.4840, 9.3320

■ 118.6370,
-38.1020, 7.7060

■ 129.5900,
-30.7200, 6.0800

■ 140.8420,
-22.7420, 4.6660

■ 151.7950,
-15.3600, 3.0400

■ 163.0470, -7.3820,
1.6260

Harmonies

Analogous

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



73.8230, -82.4840, 8.0760



63.2740, -76.2040, 15.4120



79.0100, 13.5170, 46.9010

Triad

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



63.2740, -76.2040, 15.4120



70.3570, 73.7700, 6.6820



65.0670, -46.8060, -32.8060

Complementary

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



63.2740, -76.2040, 15.4120



110.7260, 76.2040, -15.4120

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.



55.7650, -26.1250, -49.6850



63.2740, -76.2040, 15.4120



75.4530, 46.3560, -14.1240

Square

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



63.2740, -76.2040, 15.4120



54.0240, 80.8230, 49.5830



71.1020, 16.0070, -31.2970



71.5820, -63.7730, -17.1570

Rectangle

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



63.2740, -76.2040, 15.4120



66.9390, 47.8100, 58.6740



71.1020, 16.0070, -31.2970



62.5420, -41.0740, -37.5700

Sweetspot

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



63.2740, -76.2040, 15.4120



183.7750, -29.8030, 5.9810



113.4240, -79.6290, -60.2130



88.3540, -18.4320, 3.6480



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



63.2740, -76.2040, 15.4120



82.8170, -99.5420, 19.8660



23.4240, -48.7020, 56.6580



81.3740, -3.9890, 0.7070



54.6680, -65.7500, 13.1780



8.4920, -10.1330, 1.9230

Inverse Universe

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



60.4620, 79.9500, 59.9020



78.9310, 104.1550, 78.2910



150.5760, 48.7020, -56.6580



81.1470, 4.0800, 3.1520



52.1460, 68.8560, 51.7040



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 63.2740, -76.2040, 15.4120 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 63.2740, -76.2040, 15.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

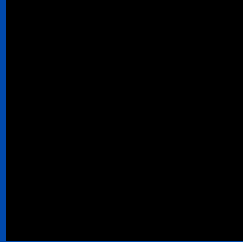
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.2740, -76.2040, 15.4120

Background



This preview shows how black text looks on a background with the YIQ color 63.2740, -76.2040, 15.4120.



This preview shows how white text looks on a background with the YIQ color 63.2740, -76.2040,

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

63.2740, -76.2040, 15.4120

Protanopia

63.7810, -73.4980, 10.4220

Deuteranopia

64.0940, -67.4900, 0.6540



Tritanopia

62.9590, -54.6490, -17.3130

Trichromacy



Original Color

63.2740, -76.2040, 15.4120

Protanomaly

63.6500, -74.5070, 12.1890

Deuteranomaly

63.7010, -70.5170, 5.9550

Tritanomaly

63.3300, -62.5830, -5.6790

Monochromacy



Original Color

63.2740, -76.2040, 15.4120

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0310, -27.6480, 5.4720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.2740, -76.2040, 15.4120 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(0, 74, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 174)  
}
```

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(0, 74, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 174) }
```

Border

The CSS property to change the border of an element to YIQ 63.2740, -76.2040, 15.4120 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(0, 74, 174) }
```


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

```
.border{ border-color:rgb(0, 74, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 174)  
}
```

Background

The CSS property to change the background color of an element to YIQ 63.2740, -76.2040, 15.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 174) }
```

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

```
.background{ background-color: rgb(0, 74,  
174) }
```

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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