

Converting Colors

YIQ(73.1090, -71.8460, 2.5060)

Have a look what the booklet for
YIQ(73.1090, -71.8460, 2.5060)
contains.

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Color

**YIQ(73.1090, -71.8460,
2.5060)**

Conversions

Conversions Part 1

Format	Color
Hex	065B9D
RGB	6, 91, 157
RGB Percent	2%, 36%, 62%
CMY	0.9765, 0.6430, 0.3846
CMYK	0.96, 0.42, 0.00, 0.38
HSL	206°, 93%, 32%
HSV	206°, 96%, 62%
XYZ	9.8972, 9.9582, 33.2604
YIQ	73.1090, -71.8460, 2.5060

Conversions

Conversions Part 2

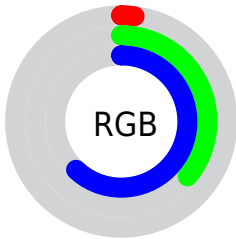
Format	Color
RYB	6, 60, 157
Decimal	416669
CIELab	37.77, 3.48, -41.99
CIElCh	38, 42.137, 274.732
Yxy	9.9582, 0.1863, 0.1875
Android (android.graphics.Color)	4278606749 (0xFF065B9D)
YUV	73.1090, 41.3583, -58.8546
Hunter-Lab	31.5565, 0.7598, -40.4017

Details

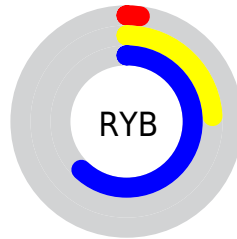
The YIQ color **73.1090, -71.8460, 2.5060** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **89.8910, 71.8460, -2.5060**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.9480, -54.9750, 10.6330**, and **38.9720, -46.3550, 8.5970** is the 20% darker color. If you saturate the color by 10%, you get **69.5540, -74.5970, 2.8030**, and if you desaturate by 10%, it is **82.0020, -64.2350, 2.2370**.

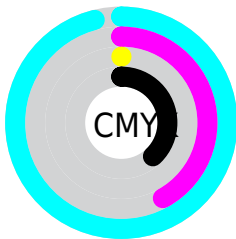
Distribution



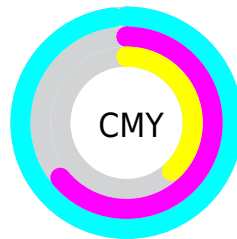
- Red (2%)
- Green (36%)
- Blue (62%)



- Red (2%)
- Yellow (24%)
- Blue (62%)



- Cyan (96%)
- Magenta (42%)
- Yellow (0%)
- Black (38%)



- Cyan (98%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.1090, -71.8460, 2.5060 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 73.1090, -71.8460, 2.5060 by changing the saturation by 10% instead.

■ 73.1090, -71.8460,
2.5060

■ 73.1090, -71.8460,
2.5060

■ 255.0000, -0.0000,
-0.0000

■ 54.8500, -60.7510,
5.1770

■ 132.9480,
-54.9750, 10.6330

■ 38.9720, -46.3550,
8.5970

■ 160.1870,
-54.1500, 12.2020

■ 24.3820, -32.8300,
11.2820

■ 186.3030,
-48.7850, 8.5830

■ 9.4330, -19.6720,
15.1120

■ 211.4100,
-39.2010, 0.0870

■ 5.1640, -11.7850,
9.8390

■ 236.8160,
-29.0210, -8.1970

■ 1.0260, -2.8890,
2.7990

■ 248.4220,

■ 0.0000, 0.0000,

-13.1120, -4.6640

0.0000

■ 73.1090, -71.8460,
2.5060

■ 73.1090, -71.8460,
2.5060

■ 69.5540, -74.5970,
2.8030

■ 82.0020, -64.2350,
2.2370

■ 90.5960, -57.2200,
1.7560

■ 99.4890, -49.6090,
1.4870

■ 107.7950,
-41.7230, 1.7410

■ 116.3890,
-34.7080, 1.2600

■ 125.2820,
-27.0970, 0.9910

■ 134.1750,
-19.4860, 0.7220

■ 143.0680,
-11.8750, 0.4530

■ 151.6620, -4.8600,
-0.0280

Harmonies

Analogous

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



75.8000, -75.6500, -5.6500



73.1090, -71.8460, 2.5060



91.3190, -10.1830, 24.8650

Triad

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



73.1090, -71.8460, 2.5060



86.8620, 53.5950, 14.3870



67.0730, -46.9430, -35.8310

Complementary

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



73.1090, -71.8460, 2.5060



89.8910, 71.8460, -2.5060

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.



80.4520, 3.3980, -28.5540



73.1090, -71.8460, 2.5060



86.0330, 47.9590, -4.6250

Square

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



73.1090, -71.8460, 2.5060



87.4120, 46.7150, 28.9470



83.6960, 32.1900, -21.7140



72.2370, -58.7280, -25.9920

Rectangle

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



73.1090, -71.8460, 2.5060



91.1110, 14.0700, 31.3660



83.6960, 32.1900, -21.7140



74.8000, -24.0650, -31.9450

Sweetspot

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



73.1090, -71.8460, 2.5060



171.0970, -28.0140, 1.0900



102.0470, -62.3900, -58.7580



81.8440, -17.0560, 0.7360



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



73.1090, -71.8460, 2.5060



90.7610, -97.1090, 3.2990



29.0840, -51.2210, 41.7310



74.8470, -3.9430, -0.1270



63.2620, -67.9030, 2.6330



6.9930, -7.2900, -0.0420

Inverse Universe

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



60.8390, 62.7110, 58.4470



74.1060, 84.6690, 79.0130



133.9160, 51.2210, -41.7310



73.9620, 3.1630, 3.2510



51.8770, 59.5480, 55.1960



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 73.1090, -71.8460, 2.5060 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 73.1090, -71.8460, 2.5060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

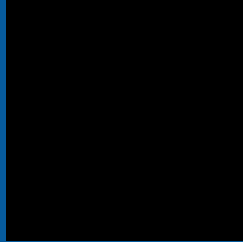
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.1090, -71.8460, 2.5060

Background



This preview shows how black text looks on a background with the YIQ color 73.1090, -71.8460, 2.5060.



This preview shows how white text looks on a background with the YIQ color 73.1090, -71.8460,

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

73.1090, -71.8460, 2.5060

Protanopia

86.4510, -37.2780, 14.8020

Deuteranopia

78.8010, -59.0550, 7.4810



Tritanopia

70.0830, -60.9300, -19.1220

Trichromacy



Original Color

73.1090, -71.8460, 2.5060

Protanomaly

81.1720, -49.7940, 10.3500

Deuteranomaly

76.4090, -63.8230, 5.7850

Tritanomaly

71.0860, -65.0120, -11.2200

Monochromacy



Original Color

73.1090, -71.8460, 2.5060

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.4670, -26.1800, 0.8920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.1090, -71.8460, 2.5060 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(6, 91, 157)` looks like.

```
.text, #text, p{  
    color:rgb(6, 91, 157)  
}
```

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(6, 91, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 91, 157) }
```

Border

The CSS property to change the border of an element to YIQ 73.1090, -71.8460, 2.5060 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(6, 91, 157) }
```


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

```
.border{ border-color:rgb(6, 91, 157) }
```

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

Here you see how a box with a 4 pixel rgb(6, 91, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 91, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 91, 157);  
box-shadow:4px 4px 4px 4px rgb(6, 91, 157)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.1090, -71.8460, 2.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 91, 157) }
```

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

```
.background{ background-color: rgb(6, 91,  
157) }
```

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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