

Converting Colors

YIQ(71.5110, -81.0650, 20.9110)

Have a look what the booklet for
YIQ(71.5110, -81.0650, 20.9110)
contains.

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Color

**YIQ(71.5110, -81.0650,
20.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	0750C5
RGB	7, 80, 197
RGB Percent	3%, 31%, 77%
CMY	0.9725, 0.6862, 0.2279
CMYK	0.96, 0.59, 0.00, 0.23
HSL	217°, 93%, 40%
HSV	217°, 96%, 77%
XYZ	13.0242, 9.8133, 53.9679
YIQ	71.5110, -81.0650, 20.9110

Conversions

Conversions Part 2

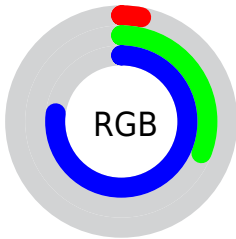
Format	Color
RYB	7, 60, 197
Decimal	479429
CIELab	37.51, 27.15, -66.03
CIELCh	38, 71.392, 292.351
Yxy	9.8133, 0.1696, 0.1278
Android (android.graphics.Color)	4278669509 (0xFF0750C5)
YUV	71.5110, 61.8661, -56.5761
Hunter-Lab	31.3261, 19.3928, -80.2150

Details

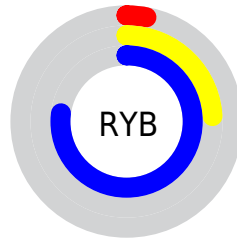
The YIQ color **71.5110, -81.0650, 20.9110** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **132.4890, 81.0650, -20.9110**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.3940, -58.3260, 32.8260**, and **37.9070, -55.7570, 24.8110** is the 20% darker color. If you saturate the color by 10%, you get **67.0700, -84.1370, 21.5190**, and if you desaturate by 10%, it is **84.5350, -72.4450, 18.8750**.

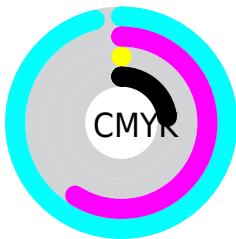
Distribution



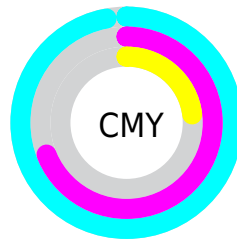
- Red (3%)
- Green (31%)
- Blue (77%)



- Red (3%)
- Yellow (24%)
- Blue (77%)



- Cyan (96%)
- Magenta (59%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (69%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.5110, -81.0650, 20.9110 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 71.5110, -81.0650, 20.9110 by changing the saturation by 10% instead.

■ 71.5110, -81.0650,
20.9110

■ 71.5110, -81.0650,
20.9110

■ 255.0000, -0.0000,
-0.0000

■ 53.3120, -70.1990,
22.2250

■ 134.3940,
-58.3260, 32.8260

■ 37.9070, -55.7570,
24.8110

■ 158.6370,
-46.1290, 26.5350

■ 24.9640, -42.7360,
25.6160

■ 183.7550,
-35.0780, 18.9860

■ 10.2600, -28.8900,
27.9900

■ 208.5740,
-24.6230, 11.2250

■ 11.6330, -23.1110,
16.8650

■ 234.8660,
-14.1220, 2.6300

■ 6.6630, -14.6280,
11.8040

254.7010, -0.5960,

■ 2.9810, -7.0160,

-0.2120

6.0080

■ 0.0000, 0.0000,
0.0000

■ 71.5110, -81.0650,
20.9110

■ 71.5110, -81.0650,
20.9110

■ 67.0700, -84.1370,
21.5190

■ 84.5350, -72.4450,
18.8750

■ 97.2600, -64.4210,
16.6270

■ 110.2840,
-55.8010, 14.5910

■ 123.8950,
-47.4560, 12.0320

■ 136.6200,
-39.4320, 9.7840

■ 149.6440,
-30.8120, 7.7480

■ 162.6680,
-22.1920, 5.7120

■ 175.6920,
-13.5720, 3.6760

■ 188.4170, -5.5480,
1.4280

Harmonies

Analogous

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



82.6570, -93.5800, 10.9320



71.5110, -81.0650, 20.9110



85.3410, 20.2550, 56.9510

Triad

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



71.5110, -81.0650, 20.9110



77.4890, 82.2060, 7.9820



72.6640, -53.0410, -35.4490

Complementary

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



71.5110, -81.0650, 20.9110



132.4890, 81.0650, -20.9110

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.



62.8090, -29.4250, -55.9610



71.5110, -81.0650, 20.9110



83.7260, 49.8410, -16.7110

Square

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



71.5110, -81.0650, 20.9110



60.3030, 93.3390, 54.0350



77.5590, 12.9820, -37.0500



80.6780, -72.8510, -17.8350

Rectangle

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



71.5110, -81.0650, 20.9110



65.3790, 61.7910, 75.1270



77.5590, 12.9820, -37.0500



69.6830, -46.0250, -41.4570

Sweetspot

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



71.5110, -81.0650, 20.9110



205.8720, -31.4540, 8.3700



131.5260, -88.8440, -63.9160



98.1090, -19.1200, 5.1040



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



71.5110, -81.0650, 20.9110



86.5960, -108.8050, 28.0510



34.3410, -49.6660, 63.1180



92.7870, -3.7140, 1.2300



55.5630, -69.6480, 17.7440



12.3220, -15.4060, 3.8740

Inverse Universe

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



72.1320, 89.8070, 62.9830



87.4170, 120.5220, 84.5380



169.6590, 49.6660, -63.1180



93.0330, 4.4010, 2.8410



55.9190, 76.9250, 54.1490



12.3600, 16.9620, 11.9860

Previews

White Background



This preview shows how the YIQ color 71.5110, -81.0650, 20.9110 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 71.5110, -81.0650, 20.9110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

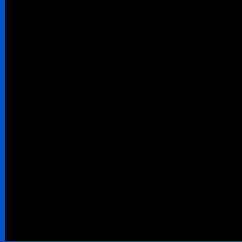
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.5110, -81.0650, 20.9110

Background



This preview shows how black text looks on a background with the YIQ color 71.5110, -81.0650, 20.9110.



This preview shows how white text looks on a background with the YIQ color 71.5110, -81.0650,

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

71.5110, -81.0650, 20.9110

Protanopia

70.4150, -81.1550, 11.5250

Deuteranopia

70.3860, -74.1840, 0.8240



Tritanopia

69.3820, -60.3340, -18.9100

Trichromacy



Original Color

71.5110, -81.0650, 20.9110

Protanomaly

70.8220, -80.7430, 15.0730

Deuteranomaly

70.7590, -76.4320, 8.5280

Tritanomaly

70.0460, -67.5350, -4.0390

Monochromacy



Original Color

71.5110, -81.0650, 20.9110

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7150, -29.5740, 7.3380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.5110, -81.0650, 20.9110 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(7, 80, 197)` looks like.

```
.text, #text, p{  
    color:rgb(7, 80, 197)  
}
```

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(7, 80, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 80, 197) }
```

Border

The CSS property to change the border of an element to YIQ 71.5110, -81.0650, 20.9110 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(7, 80, 197) }
```


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

```
.border{ border-color:rgb(7, 80, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 80, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 80, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 80, 197);  
box-shadow:4px 4px 4px 4px rgb(7, 80, 197)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.5110, -81.0650, 20.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 80, 197) }
```

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

```
.background{ background-color: rgb(7, 80,  
197) }
```

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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