

Converting Colors

YIQ(76.0790, -72.3020,
-11.2620)

Have a look what the booklet for
YIQ(76.0790, -72.3020, -11.2620)
contains.

YIQ(76.0790, -72.3020, -11.2620)	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(76.0790, -72.3020,
-11.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	006789
RGB	0, 103, 137
RGB Percent	0%, 40%, 54%
CMY	0.9999, 0.5959, 0.4631
CMYK	1.00, 0.25, 0.00, 0.46
HSL	195°, 100%, 27%
HSV	195°, 100%, 54%
XYZ	9.3642, 11.5130, 25.3656
YIQ	76.0790, -72.3020, -11.2620

Conversions

Conversions Part 2

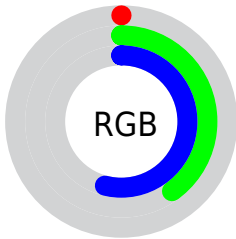
Format	Color
RYB	0, 59, 137
Decimal	26505
CIELab	40.43, -12.31, -25.77
CIElCh	40, 28.556, 244.467
Yxy	11.5130, 0.2025, 0.2490
Android (android.graphics.Color)	4278216585 (0xFF006789)
YUV	76.0790, 30.0341, -66.7213
Hunter-Lab	33.9308, -10.1166, -20.5717

Details

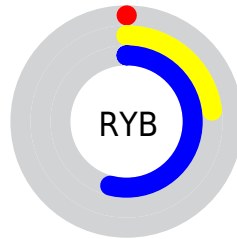
The YIQ color **76.0790, -72.3020, -11.2620** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **60.9210, 72.3020, 11.2620**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.0920, -55.9810, -4.1810**, and **42.7900, -43.3270, -2.2310** is the 20% darker color. If you saturate the color by 10%, you get **76.0790, -72.3020, -11.2620**, and if you desaturate by 10%, it is **82.0260, -64.7830, -9.8630**.

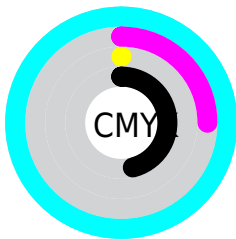
Distribution



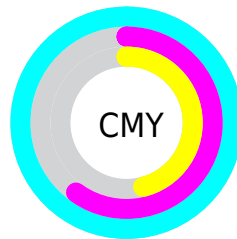
- Red (0%)
- Green (40%)
- Blue (54%)



- Red (0%)
- Yellow (23%)
- Blue (54%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.0790, -72.3020, -11.2620 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 76.0790, -72.3020, -11.2620 by changing the saturation by 10% instead.

■ 76.0790, -72.3020,
-11.2620

■ 76.0790, -72.3020,
-11.2620

■ 255.0000, -0.0000,
-0.0000

■ 59.0270, -57.3560,
-6.7960

■ 135.9780,
-55.6600, -4.4920

■ 42.7900, -43.3270,
-2.2310

■ 163.6900,
-54.7890, -3.7570

■ 27.7270, -29.8480,
1.2880

■ 192.1030,
-54.5140, -3.2340

■ 8.3100, -15.1320,
9.9240

■ 217.8230,
-48.0940, -9.4540

■ 2.8670, -6.6950,
5.6970

■ 237.0600,
-35.7600, -12.7200

■ 0.0000, 0.0000,
0.0000

■ 246.0300,

-17.8800, -6.3600

■ 76.0790, -72.3020,
-11.2620

■ 82.0260, -64.7830,
-9.8630

■ 88.2610, -58.1350,
-9.1990

■ 94.2080, -50.6160,
-7.8000

■ 100.7420,
-43.3720, -6.9240

■ 106.3900,
-36.4490, -5.7370

■ 112.3370,
-28.9300, -4.3380

■ 118.8710,
-21.6860, -3.4620

■ 124.8180,
-14.1670, -2.0630

■ 131.0530, -7.5190,
-1.3990

Harmonies

Analogous

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



76.6030, -68.2660, -18.3300



76.0790, -72.3020, -11.2620



91.9750, -33.2420, 7.7340

Triad

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



76.0790, -72.3020, -11.2620



96.7750, 32.0910, 18.6430



90.7760, 2.8460, -18.5460

Complementary

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



76.0790, -72.3020, -11.2620



60.9210, 72.3020, 11.2620

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.



93.2300, 22.2390, -12.0730



76.0790, -72.3020, -11.2620



95.6150, 38.0530, 9.7090

Square

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



76.0790, -72.3020, -11.2620



98.1570, 16.4560, 21.1600



94.7850, 34.1580, -2.3060



86.2060, -21.9120, -21.4000

Rectangle

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



76.0790, -72.3020, -11.2620



96.3580, -15.0870, 14.6170



94.7850, 34.1580, -2.3060



91.8370, 10.0440, -16.8360

Sweetspot

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



76.0790, -72.3020, -11.2620



154.6360, -28.3340, -4.1260



84.0670, -47.9470, -61.6990



74.7360, -16.8720, -2.6000



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



76.0790, -72.3020, -11.2620



99.0640, -94.3090, -14.4130



37.3370, -54.1520, 23.2560



65.7330, -3.6220, -0.4380



73.8620, -70.1930, -10.9370



2.9180, -2.7050, -0.5370

Inverse Universe

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



52.7050, 48.5890, 61.0770



68.7970, 63.6700, 79.6220



99.6630, 54.1520, -23.2560



64.6630, 2.5670, 3.0390



51.1670, 47.1680, 59.2960



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 76.0790, -72.3020, -11.2620 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 × Fail

Black Background



This preview shows how the YIQ color 76.0790, -72.3020, -11.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

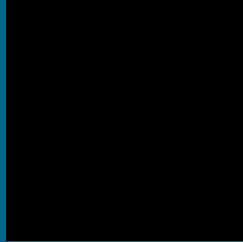
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.0790, -72.3020, -11.2620

Background



This preview shows how black text looks on a background with the YIQ color 76.0790, -72.3020, -11.2620.

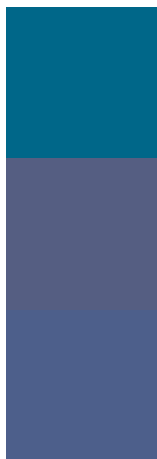


This preview shows how white text looks on a background with the YIQ color 76.0790, -72.3020,

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

76.0790, -72.3020, -11.2620

Protanopia

95.4130, -16.9200, 9.2880

Deuteranopia

94.6340, -24.8520, 9.8680



Tritanopia

75.2180, -65.7440, -19.9840

Trichromacy



Original Color

76.0790, -72.3020, -11.2620

Protanomaly

88.2470, -37.1840, 2.0800

Deuteranomaly

87.9090, -42.0440, 2.0520

Tritanomaly

75.5430, -68.0370, -16.9730

Monochromacy



Original Color

76.0790, -72.3020, -11.2620

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0060, -26.5000, -4.3240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.0790, -72.3020, -11.2620 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, 103, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 137)  
}
```

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, 103, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 137) }
```

Border

The CSS property to change the border of an element to YIQ 76.0790, -72.3020, -11.2620 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, 103, 137) }
```


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

```
.border{ border-color:rgb(0, 103, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 103, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 76.0790, -72.3020, -11.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 137) }
```

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

```
.background{ background-color: rgb(0, 103,  
137) }
```

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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