

Converting Colors

YIQ(71.0790, -19.5760, -8.6640)

Have a look what the booklet for
YIQ(71.0790, -19.5760, -8.6640)
contains.

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Color

**YIQ(71.0790, -19.5760,
-8.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	2F524E
RGB	47, 82, 78
RGB Percent	18%, 32%, 31%
CMY	0.8158, 0.6784, 0.6942
CMYK	0.43, 0.00, 0.05, 0.68
HSL	173°, 27%, 25%
HSV	173°, 43%, 32%
XYZ	5.5641, 7.1904, 8.2988
YIQ	71.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

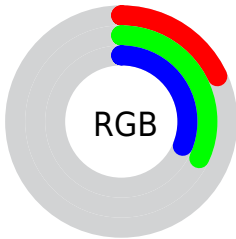
Format	Color
R_{YB}	47, 66, 82
Decimal	3101262
CIE _{Lab}	32.24, -13.77, -1.63
CIE _{LCh}	32, 13.868, 186.753
Yxy	7.1904, 0.2643, 0.3415
Android (android.graphics.Color)	4281291342 (0xFF2F524E)
YUV	71.0790, 3.4121, -21.1173
Hunter-Lab	26.8149, -9.8871, 0.4212

Details

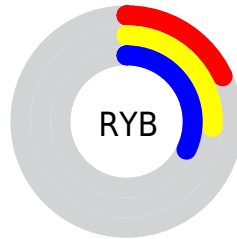
The YIQ color **71.0790, -19.5760, -8.6640** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.9210, 19.5760, 8.6640**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **120.3670, -20.4470, -9.3990**, and **25.8940, -20.4930, -8.5650** is the 20% darker color. If you saturate the color by 10%, you get **68.5730, -24.0230, -10.6710**, and if you desaturate by 10%, it is **73.5850, -15.1290, -6.6570**.

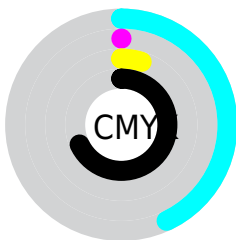
Distribution



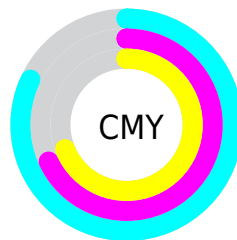
- Red (18%)
- Green (32%)
- Blue (31%)



- Red (18%)
- Yellow (26%)
- Blue (32%)



- Cyan (43%)
- Magenta (0%)
- Yellow (5%)
- Black (68%)



- Cyan (82%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.0790, -19.5760, -8.6640 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 71.0790, -19.5760, -8.6640 by changing the saturation by 10% instead.

71.0790, -19.5760,
-8.6640

71.0790, -19.5760,
-8.6640

255.0000, -0.0000,
-0.0000

48.0790, -19.5760,
-8.6640

120.3670,
-20.4470, -9.3990

25.8940, -20.4930,
-8.5650

146.3670,
-20.4470, -9.3990

10.1730, -7.9770,
-4.1130

173.0680,
-21.0430, -9.6110

0.0000, 0.0000,
0.0000

200.0680,
-21.0430, -9.6110

228.3560,
-21.9140, -10.3460

247.5250,

-14.9000, -5.3000

■ 71.0790, -19.5760,
-8.6640

■ 71.0790, -19.5760,
-8.6640

■ 68.5730, -24.0230,
-10.6710

■ 73.5850, -15.1290,
-6.6570

■ 66.0670, -28.4700,
-12.6780

■ 76.0910, -10.6820,
-4.6500

■ 63.2620, -33.5130,
-14.8970

■ 78.8960, -5.6390,
-2.4310

■ 60.7560, -37.9600,
-16.9040

■ 81.4020, -1.1920,
-0.4240

■ 58.2500, -42.4070,
-18.9110

■ 83.9080, 3.2550,
1.5830

■ 56.4560, -45.9830,
-20.1830

■ 86.4140, 7.7020,
3.5900

■ 88.9200, 12.1490,
5.5970

■ 91.7250, 17.1920,
7.8160

■ 94.1170, 21.9600,
9.5120

Harmonies

Analogous

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



72.2280, -9.8100, -9.4420



71.0790, -19.5760, -8.6640



70.7350, -24.2990, -5.6670

Triad

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



71.0790, -19.5760, -8.6640



77.0850, -1.3770, 8.4390



75.8570, 16.4600, -0.9480

Complementary

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



71.0790, -19.5760, -8.6640



57.9210, 19.5760, 8.6640

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.



76.6880, 18.6140, 4.0700



71.0790, -19.5760, -8.6640



77.7010, 8.5720, 9.8520

Square

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



71.0790, -19.5760, -8.6640



75.4040, -12.7010, 4.4110



77.6540, 15.9540, 8.2260



74.9870, 10.0420, -5.7820

Rectangle

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



71.0790, -19.5760, -8.6640



72.0280, -23.5660, -2.4300



77.6540, 15.9540, 8.2260



76.3950, 17.8810, 0.8330

Sweetspot

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



71.0790, -19.5760, -8.6640



102.5860, -7.7020, -3.5900



68.7410, -7.2410, -17.4570



51.1950, -5.0430, -2.2190



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



71.0790, -19.5760, -8.6640



89.8710, -30.8540, -13.5260



63.9040, -17.2850, -0.6210



39.6900, -2.0630, -1.1590



72.2370, -58.7280, -25.9920



159.5540, -129.6050, -57.5810

Inverse Universe

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



57.9210, 19.5760, 8.6640



69.2430, 30.5330, 13.8370



65.0960, 17.2850, 0.6210



38.1960, 2.3840, 0.8480



32.7630, 58.7280, 25.9920



72.4460, 129.6050, 57.5810

Previews

White Background



This preview shows how the YIQ color 71.0790, -19.5760, -8.6640 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 71.0790, -19.5760, -8.6640 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 71.0790, -19.5760, -8.6640

Background



This preview shows how black text looks on a background with the YIQ color 71.0790, -19.5760, -8.6640.



This preview shows how white text looks on a background with the YIQ color 71.0790, -19.5760,

-8.6640.

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

71.0790, -19.5760, -8.6640

Protanopia

75.4840, 1.5130, 0.1130

Deuteranopia

76.1900, 2.5210, 3.8730



Tritanopia

72.4150, -20.4020, -4.7060

Trichromacy



Original Color

71.0790, -19.5760, -8.6640

Protanomaly

74.0700, -6.1890, -3.4770

Deuteranomaly

74.2490, -5.1350, -0.5510

Tritanomaly

71.7740, -20.0350, -5.8510

Monochromacy



Original Color

71.0790, -19.5760, -8.6640

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.9990, -7.4270, -3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.0790, -19.5760, -8.6640 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(47, 82, 78)` looks like.

```
.text, #text, p{  
    color:rgb(47, 82, 78)  
}
```

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(47, 82, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 82, 78) }
```

Border

The CSS property to change the border of an element to YIQ 71.0790, -19.5760, -8.6640 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(47, 82, 78) }
```


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

```
.border{ border-color:rgb(47, 82, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 82, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 82, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 82, 78);  
box-shadow:4px 4px 4px 4px rgb(47, 82, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.0790, -19.5760, -8.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 82, 78) }
```

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

```
.background{ background-color: rgb(47, 82,  
78) }
```

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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