

Converting Colors

YIQ(71.1270, -20.6720,
-32.8640)

Have a look what the booklet for
YIQ(71.1270, -20.6720, -32.8640)
contains.

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Color

**YIQ(71.1270, -20.6720,
-32.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6226
RGB	31, 98, 38
RGB Percent	12%, 38%, 15%
CMY	0.8786, 0.6156, 0.8510
CMYK	0.68, 0.00, 0.61, 0.62
HSL	126°, 52%, 25%
HSV	126°, 68%, 38%
XYZ	5.2836, 9.1710, 3.3247
YIQ	71.1270, -20.6720, -32.8640

Conversions

Conversions Part 2

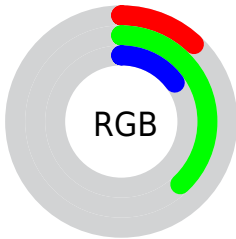
Format	Color
R_{YB}	31, 92, 98
Decimal	2056742
CIE _{Lab}	36.31, -34.66, 27.68
CIE _{LCh}	36, 44.354, 141.385
Yxy	9.1710, 0.2972, 0.5158
Android (android.graphics.Color)	4280246822 (0xFF1F6226)
YUV	71.1270, -16.3316, -35.1914
Hunter-Lab	30.2837, -21.8537, 14.6895

Details

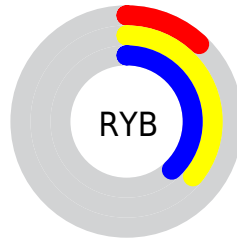
The YIQ color **71.1270, -20.6720, -32.8640** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **57.8730, 20.6720, 32.8640**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.8560, -18.4710, -34.2070**, and **29.3500, -13.7500, -26.1500** is the 20% darker color. If you saturate the color by 10%, you get **67.1110, -23.7430, -37.7830**, and if you desaturate by 10%, it is **75.1430, -17.6010, -27.9450**.

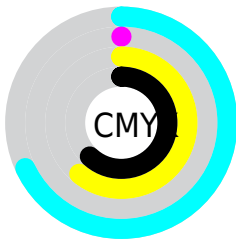
Distribution



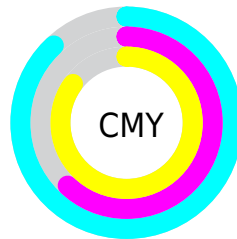
- Red (12%)
- Green (38%)
- Blue (15%)



- Red (12%)
- Yellow (36%)
- Blue (38%)



- Cyan (68%)
- Magenta (0%)
- Yellow (61%)
- Black (62%)



- Cyan (88%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.1270, -20.6720, -32.8640 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 71.1270, -20.6720, -32.8640 by changing the saturation by 10% instead.

■ 71.1270, -20.6720,
-32.8640

■ 71.1270, -20.6720,
-32.8640

■ 255.0000, -0.0000,
-0.0000

■ 45.1480, -25.1650,
-34.0370

■ 122.8560,
-18.4710, -34.2070

■ 29.3500, -13.7500,
-26.1500

■ 149.0410,
-17.5540, -34.3060

■ 17.6100, -8.2500,
-15.6900

■ 176.2150,
-18.1040, -35.3520

■ 0.0000, 0.0000,
0.0000

■ 204.5740,
-17.7370, -36.4970

■ 228.9380,
-15.7660, -33.6700

■ 240.5020, -8.0660,

-19.0260

252.4790, -0.0910,
-3.8590

71.1270, -20.6720,
-32.8640

71.1270, -20.6720,
-32.8640

67.1110, -23.7430,
-37.7830

75.1430, -17.6010,
-27.9450

63.0950, -26.8140,
-42.7020

79.1590, -14.5300,
-23.0260

59.4920, -29.6100,
-47.0980

82.7620, -11.7340,
-18.6300

58.6660, -30.1600,
-48.1440

86.7780, -8.6630,
-13.7110

90.7940, -5.5920,
-8.7920

■ 94.8100, -2.5210,
-3.8730

■ 98.7120, 0.8710,
0.7350

■ 102.4290, 3.3460,
5.4420

■ 106.4450, 6.4170,
10.3610

Harmonies

Analogous

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



77.5370, 19.2160, -28.8800



71.1270, -20.6720, -32.8640



67.7230, -51.5290, -29.8090

Triad

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



71.1270, -20.6720, -32.8640



72.3750, -75.6510, -0.1230



82.1430, 54.6020, 23.6740

Complementary

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



71.1270, -20.6720, -32.8640



57.8730, 20.6720, 32.8640

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.



84.0510, 40.6620, 34.0220



71.1270, -20.6720, -32.8640



83.7230, -32.0520, 19.2120

Square

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



71.1270, -20.6720, -32.8640



74.1870, -72.4860, -7.9260



87.6700, 10.9980, 31.9740



82.2390, 53.5510, 4.1670

Rectangle

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



71.1270, -20.6720, -32.8640



71.0460, -59.5080, -22.8680



87.6700, 10.9980, 31.9740



82.2230, 51.6210, 28.1410

Sweetspot

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



71.1270, -20.6720, -32.8640



117.1910, -8.3880, -13.1880



88.2690, 17.3350, -22.3210



57.5060, -4.7210, -8.0570



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



71.1270, -20.6720, -32.8640



85.8890, -32.4060, -51.4940



74.8890, -31.2650, -22.6010



46.3480, -1.1000, -2.0920



67.1120, -34.6520, -54.8440



143.7300, -74.0250, -117.7450

Inverse Universe

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



57.8730, 20.6720, 32.8640



65.1110, 32.4060, 51.4940



54.1110, 31.2650, 22.6010



45.6520, 1.1000, 2.0920



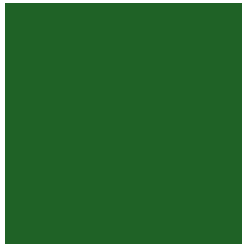
44.8880, 34.6520, 54.8440



96.2700, 74.0250, 117.7450

Previews

White Background



This preview shows how the YIQ color 71.1270, -20.6720, -32.8640 looks on a white background.

Color Contrast Check

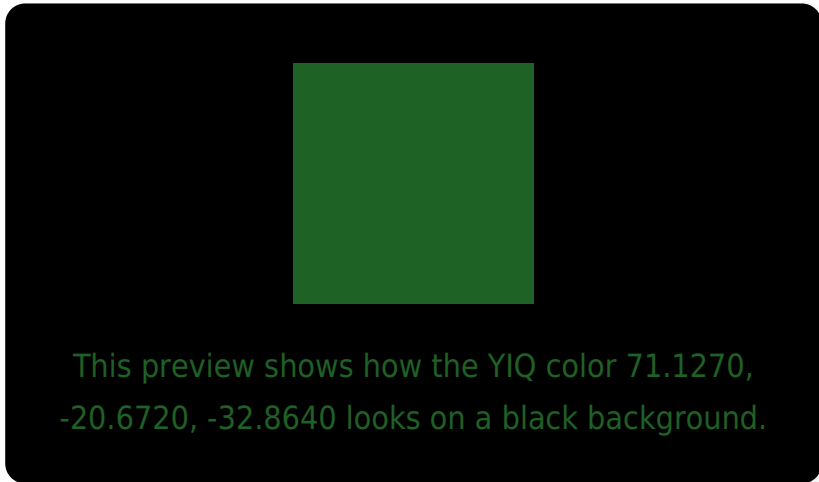
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

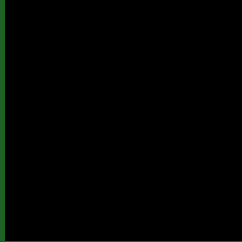
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.1270, -20.6720, -32.8640

Background



This preview shows how black text looks on a background with the YIQ color 71.1270, -20.6720, -32.8640.



This preview shows how white text looks on a background with the YIQ color 71.1270, -20.6720,

-32.8640.

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

71.1270, -20.6720, -32.8640

Protanopia

82.1760, 22.3310, -13.7410

Deuteranopia

83.8440, 26.5020, -6.7300



Tritanopia

79.6420, -28.4710, -7.1510

Trichromacy



Original Color

71.1270, -20.6720, -32.8640

Protanomaly

78.3480, 6.9270, -20.9210

Deuteranomaly

79.0650, 9.4020, -16.2140

Tritanomaly

76.5140, -25.5350, -16.3110

Monochromacy



Original Color

71.1270, -20.6720, -32.8640

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.0170, -7.8380, -12.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.1270, -20.6720, -32.8640 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(31, 98, 38)` looks like.

```
.text, #text, p{  
    color:rgb(31, 98, 38)  
}
```

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(31, 98, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 98, 38) }
```

Border

The CSS property to change the border of an element to YIQ 71.1270, -20.6720, -32.8640 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(31, 98, 38) }
```


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

```
.border{ border-color:rgb(31, 98, 38) }
```

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

Here you see how a box with a 4 pixel rgb(31, 98, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 98, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 98, 38);  
box-shadow:4px 4px 4px 4px rgb(31, 98, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.1270, -20.6720, -32.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 98, 38) }
```

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

```
.background{ background-color: rgb(31, 98,  
38) }
```

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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