

Converting Colors

YIQ(81.0070, -11.0460,
-20.0860)

Have a look what the booklet for
YIQ(81.0070, -11.0460, -20.0860)
contains.

YIQ(81.0070, -11.0460, -20.0860)	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(81.0070, -11.0460,
-20.0860)**

Conversions

Conversions Part 1

Format	Color
Hex	3A613B
RGB	58, 97, 59
RGB Percent	23%, 38%, 23%
CMY	0.7727, 0.6195, 0.7686
CMYK	0.40, 0.00, 0.39, 0.62
HSL	122°, 25%, 30%
HSV	122°, 40%, 38%
XYZ	6.8087, 9.7668, 5.6635
YIQ	81.0070, -11.0460, -20.0860

Conversions

Conversions Part 2

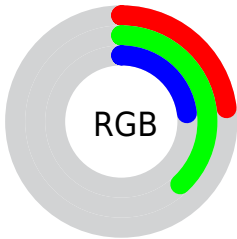
Format	Color
RYB	58, 96, 97
Decimal	3825979
CIELab	37.42, -22.60, 17.45
CIELCh	37, 28.555, 142.337
Yxy	9.7668, 0.3062, 0.4392
Android (android.graphics.Color)	4282016059 (0xFF3A613B)
YUV	81.0070, -10.8495, -20.1771
Hunter-Lab	31.2518, -15.8016, 11.1317

Details

The YIQ color $81.0070, -11.0460, -20.0860$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $73.9930, 11.0460, 20.0860$, and the grayscale version is $81.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $131.0670, -11.2750, -21.4430$, and $34.1640, -12.9260, -19.0540$ is the 20% darker color. If you saturate the color by 10%, you get $76.9910, -14.1170, -25.0050$, and if you desaturate by 10%, it is $85.0230, -7.9750, -15.1670$.

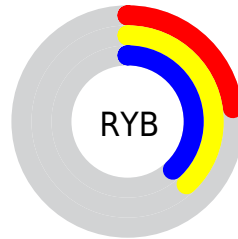
Distribution



Red (23%)

Green (38%)

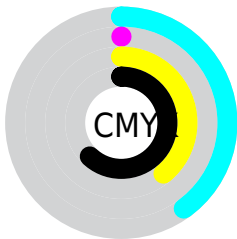
Blue (23%)



Red (23%)

Yellow (38%)

Blue (38%)

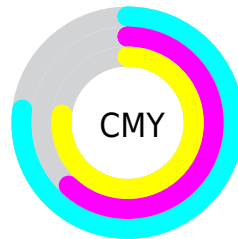


Cyan (40%)

Magenta (0%)

Yellow (39%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.0070, -11.0460, -20.0860 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 81.0070, -11.0460, -20.0860 by changing the saturation by 10% instead.

81.0070, -11.0460,
-20.0860

81.0070, -11.0460,
-20.0860

255.0000, -0.0000,
-0.0000

57.2350, -11.6880,
-19.4640

131.0670,
-11.2750, -21.4430

34.1640, -12.9260,
-19.0540

157.5400,
-11.2290, -22.2770

17.6100, -8.2500,
-15.6900

184.1270,
-11.5040, -22.8000

0.0000, 0.0000,
0.0000

212.0130,
-11.1830, -23.1110

238.2520,
-10.3580, -21.5420

249.8160, -2.6580,

-6.8980

■ 81.0070, -11.0460,
-20.0860

■ 81.0070, -11.0460,
-20.0860

■ 76.9910, -14.1170,
-25.0050

■ 85.0230, -7.9750,
-15.1670

■ 73.1600, -16.2710,
-30.0230

■ 88.8540, -5.8210,
-10.1490

■ 69.1440, -19.3420,
-34.9420

■ 92.8700, -2.7500,
-5.2300

■ 65.0140, -22.0920,
-40.1720

■ 97.0000, -0.0000,
0.0000

■ 60.9980, -25.1630,
-45.0910

■ 100.7170, 2.4750,
4.7070

■ 57.2810, -27.6380,
-49.7980

■ 104.8470, 5.2250,
9.9370

■ 108.8630, 8.2960,
14.8560

■ 112.9930, 11.0460,
20.0860

■ 116.7100, 13.5210,
24.7930

Harmonies

Analogous

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



84.4350, 11.2360, -16.4120



81.0070, -11.0460, -20.0860



73.3160, -42.7730, -23.2930

Triad

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



81.0070, -11.0460, -20.0860



79.9300, -46.5370, 0.8790



88.7660, 36.3100, 13.7660

Complementary

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



81.0070, -11.0460, -20.0860



73.9930, 11.0460, 20.0860

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.



90.1920, 26.5430, 20.0710



81.0070, -11.0460, -20.0860



88.4610, -16.8750, 13.9810

Square

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



81.0070, -11.0460, -20.0860



71.0750, -66.4790, -12.1670



91.0250, 8.0200, 19.8600



87.6160, 36.3120, 2.7120

Rectangle

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



81.0070, -11.0460, -20.0860



69.7580, -58.6370, -22.1330



91.0250, 8.0200, 19.8600



88.9770, 34.3380, 16.4660

Sweetspot

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



81.0070, -11.0460, -20.0860



118.8050, -4.1250, -7.8450



92.2550, 11.9230, -12.3410



60.2830, -2.4750, -4.7070



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.



81.0070, -11.0460, -20.0860



100.4480, -17.1420, -30.7580



83.1730, -17.1450, -14.1770



46.3480, -1.1000, -2.0920



66.0860, -31.7630, -57.6430



141.5640, -67.9260, -123.6540

Inverse Universe

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



73.9930, 11.0460, 20.0860



89.5520, 17.1420, 30.7580



71.8270, 17.1450, 14.1770



45.6520, 1.1000, 2.0920



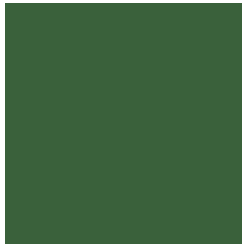
45.9140, 31.7630, 57.6430



98.3220, 68.2470, 123.3430

Previews

White Background



This preview shows how the YIQ color 81.0070, -11.0460, -20.0860 looks on a white background.

Color Contrast Check

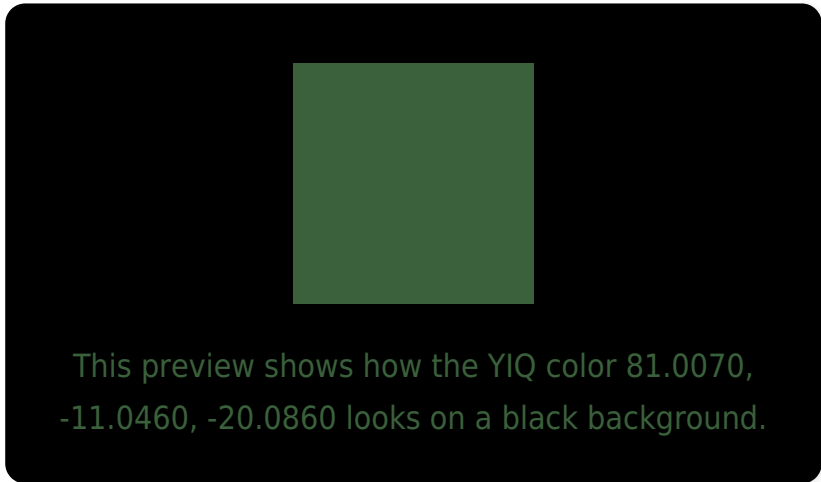
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.0070, -11.0460, -20.0860

Background



This preview shows how black text looks on a background with the YIQ color 81.0070, -11.0460, -20.0860.



This preview shows how white text looks on a background with the YIQ color 81.0070, -11.0460,

-20.0860.

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

81.0070, -11.0460, -20.0860

Protanopia

86.6300, 15.3610, -8.5670

Deuteranopia

87.4720, 18.9820, -2.6020



Tritanopia

85.1380, -18.0640, -3.0240

Trichromacy



Original Color

81.0070, -11.0460, -20.0860

Protanomaly

84.3190, 5.8710, -12.7930

Deuteranomaly

85.2100, 7.7960, -9.1320

Tritanomaly

83.7050, -15.5870, -9.3710

Monochromacy



Original Color

81.0070, -11.0460, -20.0860

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

81.2180, -3.8500, -7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.0070, -11.0460, -20.0860 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(58, 97, 59)` looks like.

```
.text, #text, p{  
    color:rgb(58, 97, 59)  
}
```

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(58, 97, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 97, 59) }
```

Border

The CSS property to change the border of an element to YIQ 81.0070, -11.0460, -20.0860 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(58, 97, 59) }
```


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

```
.border{ border-color:rgb(58, 97, 59) }
```

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

Here you see how a box with a 4 pixel rgb(58, 97, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 97, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 97, 59);  
box-shadow:4px 4px 4px 4px rgb(58, 97, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 81.0070, -11.0460, -20.0860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 97, 59) }
```

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

```
.background{ background-color: rgb(58, 97,  
59) }
```

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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