

Converting Colors

YIQ(61.8610, -34.0620,
-21.4700)

Have a look what the booklet for
YIQ(61.8610, -34.0620, -21.4700)
contains.

YIQ(61.8610, -34.0620, -21.4700)	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(61.8610, -34.0620,
-21.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	10553F
RGB	16, 85, 63
RGB Percent	6%, 33%, 25%
CMY	0.9374, 0.6665, 0.7531
CMYK	0.81, 0.00, 0.26, 0.67
HSL	161°, 68%, 20%
HSV	161°, 81%, 33%
XYZ	4.3601, 6.9699, 5.8137
YIQ	61.8610, -34.0620, -21.4700

Conversions

Conversions Part 2

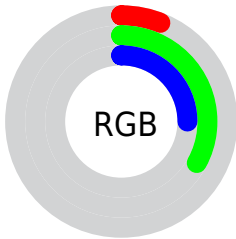
Format	Color
R_{YB}	16, 57, 85
Decimal	1070399
CIE _{Lab}	31.74, -26.78, 7.00
CIE _{LCh}	32, 27.680, 165.361
Yxy	6.9699, 0.2543, 0.4066
Android (android.graphics.Color)	4279260479 (0xFF10553F)
YUV	61.8610, 0.5615, -40.2201
Hunter-Lab	26.4005, -16.7215, 5.4239

Details

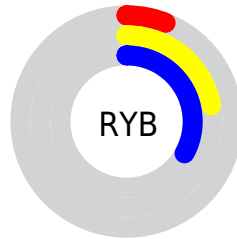
The YIQ color **61.8610, -34.0620, -21.4700** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **39.1390, 34.0620, 21.4700**, and the grayscale version is **62.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.1280, -30.4400, -21.0320**, and **25.2870, -17.4660, -13.8660** is the 20% darker color. If you saturate the color by 10%, you get **58.8280, -38.4630, -24.3110**, and if you desaturate by 10%, it is **64.5950, -30.2570, -18.8410**.

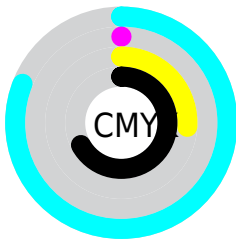
Distribution



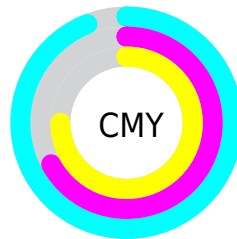
- Red (6%)
- Green (33%)
- Blue (25%)



- Red (6%)
- Yellow (22%)
- Blue (33%)



- Cyan (81%)
- Magenta (0%)
- Yellow (26%)
- Black (67%)



- Cyan (94%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.8610, -34.0620, -21.4700 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 61.8610, -34.0620, -21.4700 by changing the saturation by 10% instead.

61.8610, -34.0620,
-21.4700

61.8610, -34.0620,
-21.4700

255.0000, -0.0000,
-0.0000

40.4810, -29.9360,
-19.1520

113.1280,
-30.4400, -21.0320

25.2870, -17.4660,
-13.8660

139.6010,
-30.3940, -21.8660

7.0440, -3.3000,
-6.2760

166.4870,
-30.0730, -22.1770

0.0000, 0.0000,
0.0000

194.0740,
-30.3480, -22.7000

222.3620,
-31.2190, -23.4350

239.2090,

-25.9940, -13.4980

■ 249.0200,
-11.9200, -4.2400

■ 61.8610, -34.0620,
-21.4700

■ 61.8610, -34.0620,
-21.4700

■ 58.8280, -38.4630,
-24.3110

■ 64.5950, -30.2570,
-18.8410

■ 56.5070, -41.9930,
-26.4170

■ 67.5140, -25.5350,
-16.3110

■ 70.2480, -21.7300,
-13.6820

■ 73.2810, -17.3290,
-10.8410

■ 76.0150, -13.5240,
-8.2120

■ 78.9340, -8.8020,
-5.6820

■ 81.6680, -4.9970,
-3.0530

■ 84.7010, -0.5960,
-0.2120

■ 87.3210, 3.5300,
2.1060

Harmonies

Analogous

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



68.5840, -5.3610, -18.4890



61.8610, -34.0620, -21.4700



60.1720, -50.9350, -18.5430

Triad

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



61.8610, -34.0620, -21.4700



73.7160, -22.1470, 10.4050



74.7130, 34.6610, 5.1010

Complementary

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



61.8610, -34.0620, -21.4700



39.1390, 34.0620, 21.4700

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.



75.4390, 32.9170, 14.6850



61.8610, -34.0620, -21.4700



77.3340, 2.6560, 17.9520

Square

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



61.8610, -34.0620, -21.4700



60.1840, -59.2360, -5.7640



76.4410, 21.4080, 19.5200



73.7410, 28.2900, -6.0940

Rectangle

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



61.8610, -34.0620, -21.4700



61.1810, -55.1540, -13.6660



76.4410, 21.4080, 19.5200



74.8210, 34.4770, 8.4370

Sweetspot

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



61.8610, -34.0620, -21.4700



100.9010, -13.2030, -8.5230



63.3800, -5.2670, -31.2110



50.6460, -7.9310, -4.9470



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



61.8610, -34.0620, -21.4700



74.1310, -52.8580, -33.2580



57.9120, -38.0990, -8.8750



41.6900, -2.0630, -1.1590



71.1310, -52.8580, -33.2580



156.1850, -115.9850, -73.1450

Inverse Universe

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



39.1390, 34.0620, 21.4700



38.8690, 52.8580, 33.2580



43.0880, 38.0990, 8.8750



40.3100, 2.0630, 1.1590



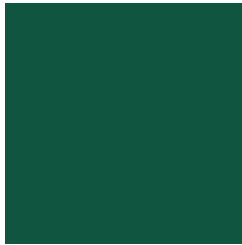
35.8690, 52.8580, 33.2580



78.8150, 115.9850, 73.1450

Previews

White Background



This preview shows how the YIQ color 61.8610, -34.0620, -21.4700 looks on a white background.

Color Contrast Check

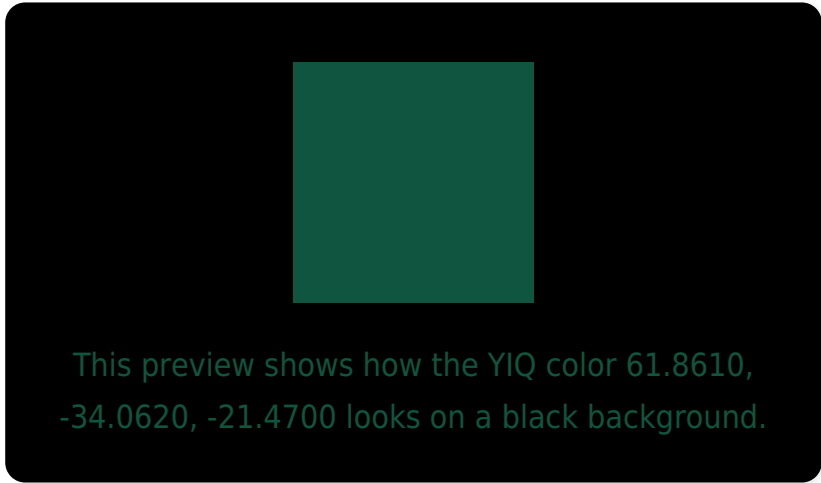
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.8610, -34.0620, -21.4700

Background



This preview shows how black text looks on a background with the YIQ color 61.8610, -34.0620, -21.4700.



This preview shows how white text looks on a background with the YIQ color 61.8610, -34.0620,

-21.4700.

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

61.8610, -34.0620, -21.4700

Protanopia

73.6710, 8.1160, -3.9160

Deuteranopia

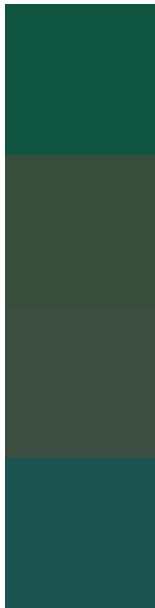
75.2030, 9.6740, 0.8900



Tritanopia

67.4350, -32.3220, -8.9460

Trichromacy



Original Color

61.8610, -34.0620, -21.4700

Protanomaly

69.3700, -7.3340, -10.2620

Deuteranomaly

70.5490, -6.2800, -7.3360

Tritanomaly

65.5010, -32.6880, -13.3280

Monochromacy



Original Color

61.8610, -34.0620, -21.4700

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.6130, -12.3320, -7.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.8610, -34.0620, -21.4700 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(16, 85, 63)` looks like.

```
.text, #text, p{  
    color:rgb(16, 85, 63)  
}
```

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(16, 85, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 85, 63) }
```

Border

The CSS property to change the border of an element to YIQ 61.8610, -34.0620, -21.4700 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(16, 85, 63) }
```


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

```
.border{ border-color:rgb(16, 85, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 85, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 85, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 85, 63);  
box-shadow:4px 4px 4px 4px rgb(16, 85, 63)  
}
```

Background

The CSS property to change the background color of an element to YIQ 61.8610, -34.0620, -21.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 85, 63) }
```

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

```
.background{ background-color: rgb(16, 85,  
63) }
```

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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