

Converting Colors

YIQ(67.6830, -27.6890,
-21.3290)

Have a look what the booklet for
YIQ(67.6830, -27.6890, -21.3290)
contains.

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Color

**YIQ(67.6830, -27.6890,
-21.3290)**

Conversions

Conversions Part 1

Format	Color
Hex	1C593E
RGB	28, 89, 62
RGB Percent	11%, 35%, 24%
CMY	0.8904, 0.6509, 0.7569
CMYK	0.69, 0.00, 0.30, 0.65
HSL	153°, 52%, 23%
HSV	153°, 69%, 35%
XYZ	4.9211, 7.7429, 5.7893
YIQ	67.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

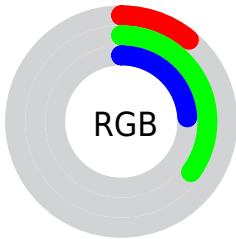
Format	Color
R _Y B	28, 67, 89
Decimal	1857854
CIE Lab	33.44, -26.75, 10.04
CIE LCh	33, 28.574, 159.433
Yxy	7.7429, 0.2667, 0.4196
Android (android.graphics.Color)	4280047934 (0xFF1C593E)
YUV	67.6830, -2.8017, -34.8020
Hunter-Lab	27.8260, -17.1270, 7.1427

Details

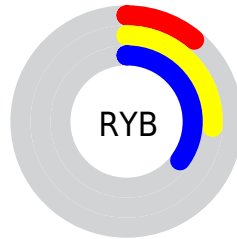
The YIQ color **67.6830, -27.6890, -21.3290** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.3170, 27.6890, 21.3290**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6400, -26.1300, -22.0500**, and **27.5210, -18.2450, -16.2690** is the 20% darker color. If you saturate the color by 10%, you get **64.5360, -31.7690, -24.4810**, and if you desaturate by 10%, it is **70.8300, -23.6090, -18.1770**.

Distribution



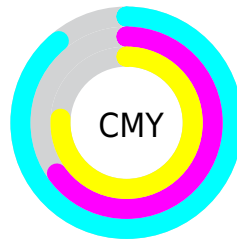
- Red (11%)
- Green (35%)
- Blue (24%)



- Red (11%)
- Yellow (26%)
- Blue (35%)



- Cyan (69%)
- Magenta (0%)
- Yellow (30%)
- Black (65%)



- Cyan (89%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.6830, -27.6890, -21.3290 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 67.6830, -27.6890, -21.3290 by changing the saturation by 10% instead.

67.6830, -27.6890,
-21.3290

67.6830, -27.6890,
-21.3290

255.0000, -0.0000,
-0.0000

42.7150, -30.7150,
-21.5550

118.6400,
-26.1300, -22.0500

27.5210, -18.2450,
-16.2690

144.2270,
-26.4050, -22.5730

11.7400, -5.5000,
-10.4600

171.7000,
-26.3590, -23.4070

0.0000, 0.0000,
0.0000

199.2870,
-26.6340, -23.9300

226.9880,
-27.2300, -24.1420

241.7860,

-20.3090, -11.9010

251.4120, -7.1520,
-2.5440

67.6830, -27.6890,
-21.3290

67.6830, -27.6890,
-21.3290

64.5360, -31.7690,
-24.4810

70.8300, -23.6090,
-18.1770

61.3890, -35.8490,
-27.6330

73.9770, -19.5290,
-15.0250

58.2420, -39.9290,
-30.7850

77.1240, -15.4490,
-11.8730

57.9430, -40.5250,
-30.9970

80.2710, -11.3690,
-8.7210

83.1190, -7.8850,
-5.7810

■ 86.2660, -3.8050,
-2.6290

■ 89.4130, 0.2750,
0.5230

■ 92.5600, 4.3550,
3.6750

■ 95.5930, 8.7560,
6.5160

Harmonies

Analogous

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



73.5090, -0.7760, -18.9840



67.6830, -27.6890, -21.3290



62.5200, -52.0350, -20.6350

Triad

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



67.6830, -27.6890, -21.3290



76.5410, -29.0240, 8.3840



78.6640, 36.3570, 7.4050

Complementary

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



67.6830, -27.6890, -21.3290



49.3170, 27.6890, 21.3290

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.



79.6070, 32.5040, 16.6640



67.6830, -27.6890, -21.3290



80.9960, -2.2040, 17.9240

Square

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



67.6830, -27.6890, -21.3290



63.6890, -62.2160, -6.8240



80.7120, 19.2070, 20.8630



77.7630, 31.2240, -4.2000

Rectangle

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



67.6830, -27.6890, -21.3290



64.2300, -56.8500, -15.9700



80.7120, 19.2070, 20.8630



78.8860, 35.8520, 11.0520

Sweetspot

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



67.6830, -27.6890, -21.3290



106.5700, -10.7730, -8.5090



71.8800, -0.6830, -26.1790



53.7170, -6.6930, -5.3570



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



67.6830, -27.6890, -21.3290



82.1060, -42.5420, -32.9900



69.0000, -35.5310, -11.3630



41.5760, -1.7420, -1.4700



69.6490, -48.6850, -37.3010



152.8790, -106.6760, -82.1640

Inverse Universe

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



49.3170, 27.6890, 21.3290



53.7800, 42.8630, 32.6790



48.0000, 35.5310, 11.3630



40.4240, 1.7420, 1.4700



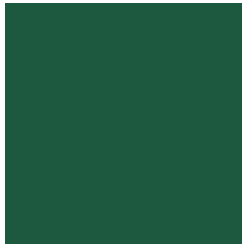
37.3510, 48.6850, 37.3010



82.1210, 106.6760, 82.1640

Previews

White Background



This preview shows how the YIQ color 67.6830, -27.6890, -21.3290 looks on a white background.

Color Contrast Check

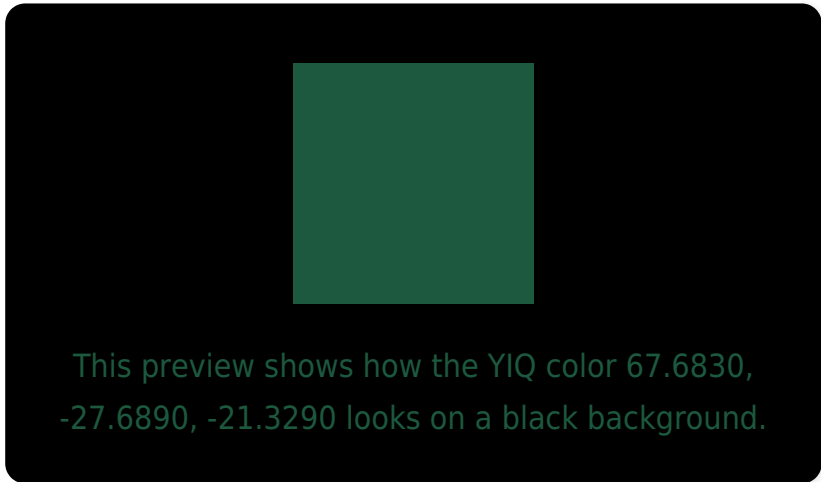
Large Text (above 18pt) WCAG AA ✓ Pass

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

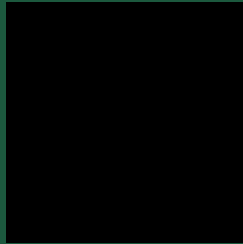
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.6830, -27.6890, -21.3290

Background



This preview shows how black text looks on a background with the YIQ color 67.6830, -27.6890, -21.3290.



This preview shows how white text looks on a background with the YIQ color 67.6830, -27.6890,

-21.3290.

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

67.6830, -27.6890, -21.3290

Protanopia

77.4000, 10.3170, -5.2590

Deuteranopia

78.6440, 12.7460, 0.2820



Tritanopia

72.3430, -29.0670, -7.3630

Trichromacy



Original Color

67.6830, -27.6890, -21.3290

Protanomaly

73.9960, -3.3450, -10.9690

Deuteranomaly

74.5880, -2.0160, -7.5200

Tritanomaly

70.4800, -28.1950, -12.1550

Monochromacy



Original Color

67.6830, -27.6890, -21.3290

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.9830, -10.4980, -7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.6830, -27.6890, -21.3290 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(28, 89, 62)` looks like.

```
.text, #text, p{  
    color:rgb(28, 89, 62)  
}
```

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(28, 89, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 89, 62) }
```

Border

The CSS property to change the border of an element to YIQ 67.6830, -27.6890, -21.3290 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(28, 89, 62) }
```


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

```
.border{ border-color:rgb(28, 89, 62) }
```

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

Here you see how a box with a 4 pixel rgb(28, 89, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 89, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 89, 62);  
box-shadow:4px 4px 4px 4px rgb(28, 89, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.6830, -27.6890, -21.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 89, 62) }
```

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

```
.background{ background-color: rgb(28, 89,  
62) }
```

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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