

Converting Colors

YIQ(51.8690, -2.1500, -27.1260)

Have a look what the booklet for
YIQ(51.8690, -2.1500, -27.1260)
contains.

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Color

**YIQ(51.8690, -2.1500,
-27.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	214608
RGB	33, 70, 8
RGB Percent	13%, 27%, 3%
CMY	0.8707, 0.7254, 0.9686
CMYK	0.53, 0.00, 0.89, 0.73
HSL	96°, 79%, 15%
HSV	96°, 89%, 27%
XYZ	2.8612, 4.7226, 0.9908
YIQ	51.8690, -2.1500, -27.1260

Conversions

Conversions Part 2

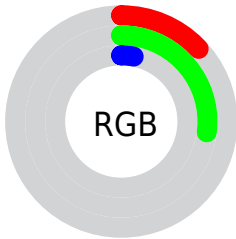
Format	Color
R_{YB}	8, 70, 45
Decimal	2180616
CIE _{Lab}	25.93, -25.19, 30.54
CIE _{LCh}	26, 39.587, 129.520
Yxy	4.7226, 0.3337, 0.5508
Android (android.graphics.Color)	4280370696 (0xFF214608)
YUV	51.8690, -21.6274, -16.5481
Hunter-Lab	21.7315, -14.5289, 12.5090

Details

The YIQ color **51.8690, -2.1500, -27.1260** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **26.1310, 2.1500, 27.1260**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.6410, -1.5080, -27.7480**, and **17.0230, -7.9750, -15.1670** is the 20% darker color. If you saturate the color by 10%, you get **49.8750, -2.2870, -30.1510**, and if you desaturate by 10%, it is **53.8630, -2.0130, -24.1010**.

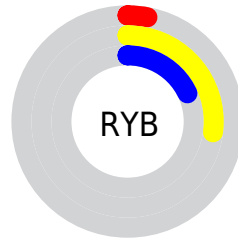
Distribution



Red (13%)

Green (27%)

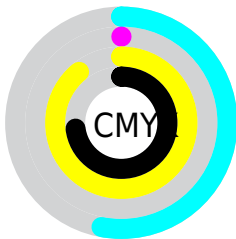
Blue (3%)



Red (3%)

Yellow (27%)

Blue (18%)

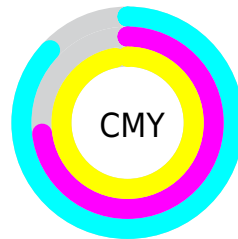


Cyan (53%)

Magenta (0%)

Yellow (89%)

Black (73%)



Cyan (87%)


Magenta (73%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 51.8690, -2.1500, -27.1260 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 51.8690, -2.1500, -27.1260 by changing the saturation by 10% instead.


 51.8690, -2.1500,
-27.1260


 51.8690, -2.1500,
-27.1260


 253.1760, 5.1360,
-4.9760


 30.5790, -6.9650,
-22.4610


 100.6410, -1.5080,
-27.7480

 17.0230, -7.9750,
-15.1670

 126.1140, -1.4620,
-28.5820

 0.0000, 0.0000,
0.0000

 152.0000, -1.1410,
-28.8930

 179.4730, -1.0950,
-29.7270

 206.9460, -1.0490,
-30.5610

 235.1310, -0.1320,

-30.6600

■ 246.6950, 7.5680,
-16.0160

■ 51.8690, -2.1500,
-27.1260

■ 51.8690, -2.1500,
-27.1260

■ 49.8750, -2.2870,
-30.1510

■ 53.8630, -2.0130,
-24.1010

■ 49.4620, -2.5620,
-30.6740

■ 55.8570, -1.8760,
-21.0760

■ 58.1500, -1.1430,
-17.8390

■ 60.1440, -1.0060,
-14.8140

■ 62.1380, -0.8690,
-11.7890

■ 64.1320, -0.7320,
-8.7640

■ 66.1260, -0.5950,
-5.7390

■ 68.1200, -0.4580,
-2.7140

■ 70.4130, 0.2750,
0.5230

Harmonies

Analogous

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



57.0140, 22.6070, -18.7450



51.8690, -2.1500, -27.1260



47.8840, -32.8690, -26.5730

Triad

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



51.8690, -2.1500, -27.1260



54.5420, -57.1280, 0.0880



57.1510, 42.9560, 25.4840

Complementary

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



51.8690, -2.1500, -27.1260



26.1310, 2.1500, 27.1260

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.



60.5160, 25.9910, 30.0790



51.8690, -2.1500, -27.1260



50.1880, -55.8910, 5.2050

Square

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



51.8690, -2.1500, -27.1260



54.7240, -52.1290, -7.9130



63.2010, -4.0390, 23.6490



57.6330, 46.8100, 10.6980

Rectangle

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



51.8690, -2.1500, -27.1260



50.8650, -39.8850, -20.5650



63.2010, -4.0390, 23.6490



57.9920, 39.1500, 28.3820

Sweetspot

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



51.8690, -2.1500, -27.1260



84.6650, -0.9150, -10.9550



47.6700, 27.0520, -5.6840



41.5990, -0.5490, -6.5730



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



51.8690, -2.1500, -27.1260



65.0670, -3.2480, -40.2720



44.9640, -18.6550, -30.8710



34.9460, 0.0920, -1.6680



70.0730, -3.3850, -43.2970



160.4580, -8.1890, -99.4290

Inverse Universe

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



26.1310, 2.1500, 27.1260



26.9330, 3.2480, 40.2720



33.0360, 18.6550, 30.8710



33.0540, -0.0920, 1.6680



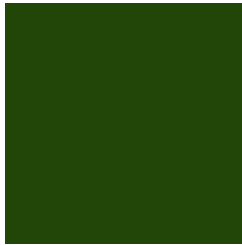
28.9270, 3.3850, 43.2970



66.5420, 8.1890, 99.4290

Previews

White Background



This preview shows how the YIQ color 51.8690, -2.1500, -27.1260 looks on a white background.

Color Contrast Check

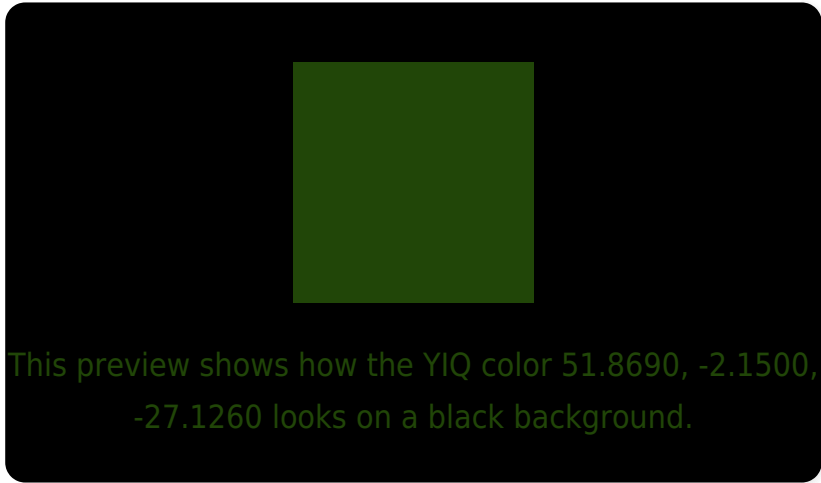
Large Text (above 18pt) WCAG AA ✓ Pass

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

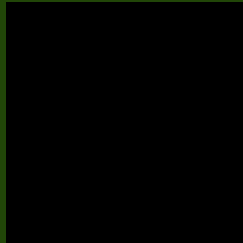
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.8690, -2.1500, -27.1260

Background



This preview shows how black text looks on a background with the YIQ color 51.8690, -2.1500, -27.1260.



This preview shows how white text looks on a background with the YIQ color 51.8690, -2.1500,

-27.1260.

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

51.8690, -2.1500, -27.1260

Protanopia

57.5950, 22.4690, -16.2430

Deuteranopia

58.8930, 24.8060, -9.0340



Tritanopia

58.9920, -14.7170, -3.1090

Trichromacy



Original Color

51.8690, -2.1500, -27.1260

Protanomaly

55.5830, 13.5750, -20.2570

Deuteranomaly

56.1150, 15.1330, -15.4510

Tritanomaly

56.3480, -10.2680, -12.1560

Monochromacy



Original Color

51.8690, -2.1500, -27.1260

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

52.1920, -0.9610, -10.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.8690, -2.1500, -27.1260 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(33, 70, 8)` looks like.

```
.text, #text, p{  
    color:rgb(33, 70, 8)  
}
```

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(33, 70, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 70, 8) }
```

Border

The CSS property to change the border of an element to YIQ 51.8690, -2.1500, -27.1260 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(33, 70, 8) }
```


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

```
.border{ border-color:rgb(33, 70, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 70, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 70, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 70, 8); box-shadow:4px  
4px 4px 4px rgb(33, 70, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 51.8690, -2.1500, -27.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 70, 8) }
```

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

```
.background{ background-color: rgb(33, 70,  
8) }
```

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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