

# Converting Colors

YIQ(58.6730, -21.7290,  
-19.2090)

Have a look what the booklet for  
YIQ(58.6730, -21.7290, -19.2090)  
contains.

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# Color

**YIQ(58.6730, -21.7290,  
-19.2090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A4D32
RGB	26, 77, 50
RGB Percent	10%, 30%, 20%
CMY	0.8982, 0.6979, 0.8040
CMYK	0.66, 0.00, 0.35, 0.70
HSL	148°, 50%, 20%
HSV	148°, 66%, 30%
XYZ	3.6558, 5.7600, 3.9348
YIQ	58.6730, -21.7290, -19.2090

# Conversions

## Conversions Part 2

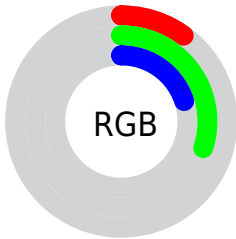
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 61, 77
Decimal	1723698
CIELab	28.80, -24.32, 11.12
CIELCh	29, 26.739, 155.435
Yxy	5.7600, 0.2738, 0.4314
Android (android.graphics.Color)	4279913778 (0xFF1A4D32)
YUV	58.6730, -4.2758, -28.6542
Hunter-Lab	24.0001, -14.8099, 7.0794

# Details

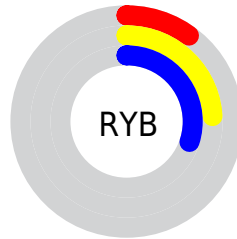
The YIQ color **58.6730, -21.7290, -19.2090** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **44.3270, 21.7290, 19.2090**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **108.2170, -20.4450, -20.4530**, and **19.8270, -10.3590, -16.0150** is the 20% darker color. If you saturate the color by 10%, you get **55.8250, -25.2130, -22.1490**, and if you desaturate by 10%, it is **61.5210, -18.2450, -16.2690**.

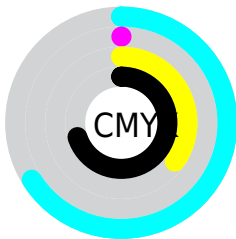
# Distribution



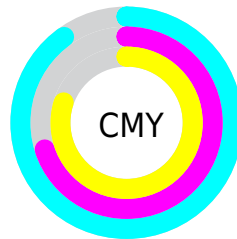
- Red (10%)
- Green (30%)
- Blue (20%)



- Red (10%)
- Yellow (24%)
- Blue (30%)



- Cyan (66%)
- Magenta (0%)
- Yellow (35%)
- Black (70%)



- Cyan (90%)
- Magenta (70%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 58.6730, -21.7290, -19.2090 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 58.6730, -21.7290, -19.2090 by changing the saturation by 10% instead.



■ 58.6730, -21.7290,  
-19.2090

■ 58.6730, -21.7290,  
-19.2090

■ 255.0000, -0.0000,  
-0.0000

■ 35.0040, -24.1590,  
-19.2230

■ 108.2170,  
-20.4450, -20.4530

■ 19.8270, -10.3590,  
-16.0150

■ 133.8040,  
-20.7200, -20.9760

■ 0.0000, 0.0000,  
0.0000

■ 160.3910,  
-20.9950, -21.4990

■ 187.0920,  
-21.5910, -21.7110

■ 215.5650,  
-21.5450, -22.5450

■ 237.9830,

-19.6660, -18.0500

■ 249.6180,  
-10.7280, -3.8160

■ 58.6730, -21.7290,  
-19.2090

■ 58.6730, -21.7290,  
-19.2090

■ 55.8250, -25.2130,  
-22.1490

■ 61.5210, -18.2450,  
-16.2690

■ 53.2760, -28.1010,  
-24.8770

■ 64.0700, -15.3570,  
-13.5410

■ 50.4280, -31.5850,  
-27.8170

■ 66.9180, -11.8730,  
-10.6010

■ 49.3030, -32.7310,  
-29.0750

■ 69.7660, -8.3890,  
-7.6610

■ 72.3150, -5.5010,  
-4.9330

■ 75.1630, -2.0170,  
-1.9930

■ 78.1250, 1.1460,  
1.2580

■ 80.9730, 4.6300,  
4.1980

■ 83.5220, 7.5180,  
6.9260

# Harmonies

## Analogous

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



63.6450, 1.8370, -16.7790



58.6730, -21.7290, -19.2090



53.8800, -44.2410, -18.7130

# Triad

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



58.6730, -21.7290, -19.2090



64.5900, -30.7200, 6.0800



68.2230, 33.2850, 8.0130

# Complementary

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



58.6730, -21.7290, -19.2090



44.3270, 21.7290, 19.2090

# 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.



68.4540, 28.5610, 16.5370



58.6730, -21.7290, -19.2090



69.5610, -5.4130, 15.5070

# Square

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



58.6730, -21.7290, -19.2090



55.9950, -54.3300, -6.5700



69.5050, 15.3560, 19.0680



67.3330, 29.6190, -2.6450



# Rectangle

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



58.6730, -21.7290, -19.2090



55.4760, -48.7350, -14.3590



69.5050, 15.3560, 19.0680



68.0320, 32.5050, 11.1370

# Sweetspot

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



58.6730, -21.7290, -19.2090



92.1790, -8.1140, -7.1380



64.0100, 2.0670, -20.9490



46.7280, -5.2260, -4.4100



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000



# Same Dimension

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



58.6730, -21.7290, -19.2090



70.5910, -33.6020, -29.8100



61.5230, -29.7540, -11.4340



36.5760, -1.7420, -1.4700



65.3460, -43.4580, -38.4180



147.3220, -97.9180, -86.7020



# Inverse Universe

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



44.3270, 21.7290, 19.2090



48.4090, 33.6020, 29.8100



41.4770, 29.7540, 11.4340



35.4240, 1.7420, 1.4700



36.6540, 43.4580, 38.4180

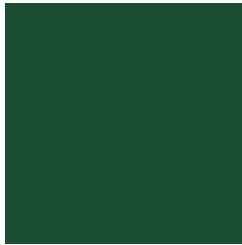


82.6780, 97.9180, 86.7020



# Previews

## White Background



This preview shows how the YIQ color 58.6730, -21.7290, -19.2090 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

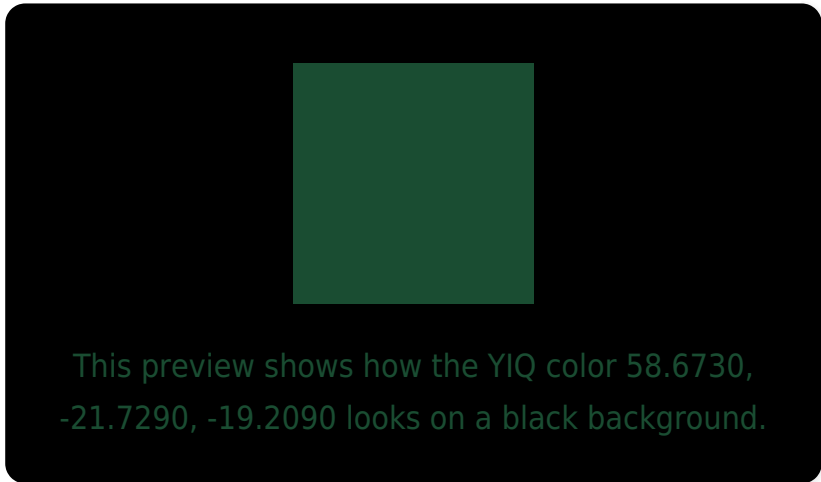
Any Text WCAG AA ✓ Pass

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

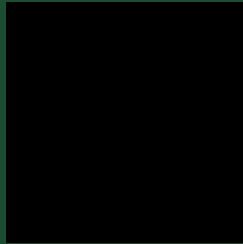
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 58.6730, -21.7290, -19.2090

## Background



This preview shows how black text looks on a background with the YIQ color 58.6730, -21.7290, -19.2090.



This preview shows how white text looks on a background with the YIQ color 58.6730, -21.7290,



# 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

58.6730, -21.7290, -19.2090

### Protanopia

66.9870, 10.0420, -5.7820

### Deuteranopia

67.8180, 12.1960, -0.7640



## Tritanopia

62.6210, -23.9780, -5.9780

# Trichromacy



## Original Color

58.6730, -21.7290, -19.2090

## Protanomaly

63.7790, -1.2360, -10.6440

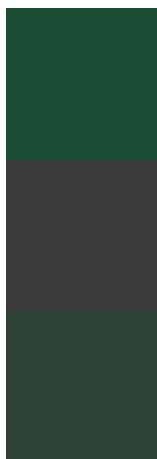
## Deuteranomaly

64.3710, 0.0930, -7.1950

## Tritanomaly

60.7580, -23.1060, -10.7700

# Monochromacy



## Original Color

58.6730, -21.7290, -19.2090

## Achromatopsia

59.0000, 0.0000, -0.0000

## Achromatomaly

59.1790, -8.1140, -7.1380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 58.6730, -21.7290, -19.2090 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(26, 77, 50)` looks like.

```
.text, #text, p{  
    color:rgb(26, 77, 50)  
}
```

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(26, 77, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 77, 50) }
```

## Border

The CSS property to change the border of an element to YIQ 58.6730, -21.7290, -19.2090 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(26, 77, 50) }
```



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

```
.border{ border-color:rgb(26, 77, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 77, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 77, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 77, 50);  
box-shadow:4px 4px 4px 4px rgb(26, 77, 50)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 58.6730, -21.7290, -19.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 77, 50) }
```

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

```
.background{ background-color: rgb(26, 77,  
50) }
```

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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