

# Converting Colors

YIQ(107.8980, 17.2420,  
-15.1260)

Have a look what the booklet for  
YIQ(107.8980, 17.2420, -15.1260)  
contains.

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# Color

**YIQ(107.8980, 17.2420,  
-15.1260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73713F
RGB	115, 113, 63
RGB Percent	45%, 44%, 25%
CMY	0.5490, 0.5569, 0.7528
CMYK	0.00, 0.02, 0.45, 0.55
HSL	58°, 29%, 35%
HSV	58°, 45%, 45%
XYZ	13.8723, 15.8136, 7.0278
YIQ	107.8980, 17.2420, -15.1260

# Conversions

## Conversions Part 2

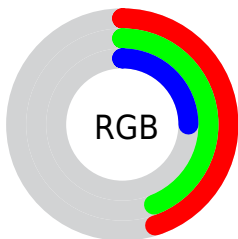
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 115, 63
Decimal	7565631
CIELab	46.73, -7.13, 27.93
CIElCh	47, 28.823, 104.323
Yxy	15.8136, 0.3779, 0.4307
Android (android.graphics.Color)	4285755711 (0xFF73713F)
YUV	107.8980, -22.1347, 6.2285
Hunter-Lab	39.7663, -7.3220, 17.3582

# Details

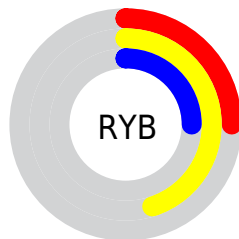
The YIQ color **107.8980, 17.2420, -15.1260** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **70.1020, -17.2420, 15.1260**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8550, 18.8010, -15.8470**, and **59.6420, 15.0870, -14.6170** is the 20% darker color. If you saturate the color by 10%, you get **106.6440, 20.7730, -18.5470**, and if you desaturate by 10%, it is **109.2660, 13.3900, -11.3940**.

# Distribution



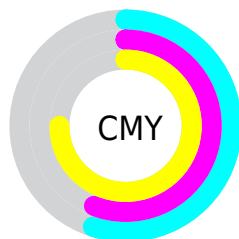
- Red (45%)
- Green (44%)
- Blue (25%)



- Red (25%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (2%)
- Yellow (45%)
- Black (55%)



- Cyan (55%)
- Magenta (56%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 107.8980, 17.2420, -15.1260 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 107.8980, 17.2420, -15.1260 by changing the saturation by 10% instead.



107.8980, 17.2420,  
-15.1260

107.8980, 17.2420,  
-15.1260

255.0000, -0.0000,  
-0.0000

83.7130, 16.3250,  
-15.0270

159.8550, 18.8010,  
-15.8470

59.6420, 15.0870,  
-14.6170

186.9260, 20.0390,  
-16.2570

38.0980, 13.8030,  
-13.3730

214.8120, 20.3600,  
-16.5680

18.8830, 4.4030,  
-8.2130

242.9970, 21.2770,  
-16.6670

0.0000, 0.0000,  
0.0000

250.8960, 11.5560,  
-11.1960

254.2020, 2.2470,

-2.1770

■ 107.8980, 17.2420,  
-15.1260

■ 107.8980, 17.2420,  
-15.1260

■ 106.6440, 20.7730,  
-18.5470

■ 109.2660, 13.3900,  
-11.3940

■ 104.6890, 24.9000,  
-21.7560

■ 111.1070, 9.5840,  
-8.4960

■ 103.4350, 28.4310,  
-25.1770

■ 112.4750, 5.7320,  
-4.7640

■ 101.4800, 32.5580,  
-28.3860

■ 114.3160, 1.9260,  
-1.8660

■ 100.2260, 36.0890,  
-31.8070

■ 115.6840, -1.9260,  
1.8660

■ 99.5420, 38.0150,  
-33.6730

■ 117.5250, -5.7320,  
4.7640

■ 118.8930, -9.5840,  
8.4960

■ 120.7340,  
-13.3900, 11.3940

■ 122.1020,  
-17.2420, 15.1260

# Harmonies

## Analogous

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



109.8940, 32.2330, -5.9670



107.8980, 17.2420, -15.1260



104.7150, -4.3520, -20.2560

# Triad

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



107.8980, 17.2420, -15.1260



88.0300, -79.7740, -19.0220



113.5770, 24.0210, 21.7250

# Complementary

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



107.8980, 17.2420, -15.1260



70.1020, -17.2420, 15.1260

# 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.



113.6160, 1.9220, 20.2420



107.8980, 17.2420, -15.1260



101.8260, -52.1760, -1.5520

# Square

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



107.8980, 17.2420, -15.1260



90.5830, -65.5140, -24.1540



109.9870, -24.3480, 11.7480



112.6460, 36.7680, 16.4800



# Rectangle

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



107.8980, 17.2420, -15.1260



102.0920, -21.5910, -21.7110



109.9870, -24.3480, 11.7480



113.8690, 17.3270, 21.8950

# Sweetspot

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



107.8980, 17.2420, -15.1260



147.6060, 6.7410, -6.5310



78.8900, 30.0290, 11.9570



74.8170, 4.7690, -3.8310



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000



# Same Dimension

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



107.8980, 17.2420, -15.1260



139.0050, 26.8260, -23.6220



102.1950, 2.9840, -21.0480



57.7290, 2.2010, -1.3430



105.7440, 40.2620, -35.8500



215.6300, 83.0000, -72.5200



# Inverse Universe

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



70.1020, -17.2420, 15.1260



79.9950, -26.8260, 23.6220



75.8050, -2.9840, 21.0480



53.6840, -1.9260, 1.8660



16.8430, -40.5370, 35.3270



34.3700, -83.0000, 72.5200



# Previews

## White Background



This preview shows how the YIQ color 107.8980, 17.2420, -15.1260 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 × Fail



# Black Background



This preview shows how the YIQ color 107.8980, 17.2420, -15.1260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

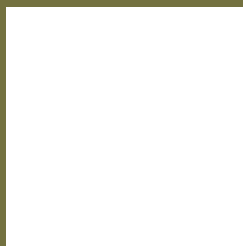
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 107.8980, 17.2420, -15.1260

## Background



This preview shows how black text looks on a background with the YIQ color 107.8980, 17.2420, -15.1260.



This preview shows how white text looks on a background with the YIQ color 107.8980, 17.2420,

-15.1260.

# 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

107.8980, 17.2420, -15.1260

### Protanopia

108.7030, 22.2850, -12.9070

### Deuteranopia

109.9970, 30.4450, -6.6030



## Tritanopia

112.0980, 5.7760, 5.4560

# Trichromacy



## Original Color

107.8980, 17.2420, -15.1260

## Protanomaly

108.3930, 20.2220, -14.0660

## Deuteranomaly

109.5510, 25.7690, -9.9670

## Tritanomaly

110.5080, 10.1330, -1.9230

# Monochromacy



## Original Color

107.8980, 17.2420, -15.1260

## Achromatopsia

108.0000, -0.0000, 0.0000

## Achromatomaly

108.2470, 6.3740, -5.3860

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 107.8980, 17.2420, -15.1260 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(115, 113, 63)` looks like.

```
.text, #text, p{  
    color:rgb(115, 113, 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(115, 113, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 113, 63) }
```

## Border

The CSS property to change the border of an element to YIQ 107.8980, 17.2420, -15.1260 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(115, 113, 63) }
```



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

```
.border{ border-color:rgb(115, 113, 63) }
```

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

Here you see how a box with a 4 pixel rgb(115, 113, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 113, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 113, 63);  
box-shadow:4px 4px 4px 4px rgb(115, 113,  
63) }
```

# Background

The CSS property to change the background color of an element to YIQ 107.8980, 17.2420, -15.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 113, 63) }
```

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

```
.background{ background-color: rgb(115,  
113, 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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