

Converting Colors

YIQ(107.8340, -3.0690,
-15.9730)

Have a look what the booklet for
YIQ(107.8340, -3.0690, -15.9730)
contains.

YIQ(107.8340, -3.0690, -15.9730)	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(107.8340, -3.0690,
-15.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7754
RGB	95, 119, 84
RGB Percent	37%, 47%, 33%
CMY	0.6275, 0.5333, 0.6706
CMYK	0.20, 0.00, 0.29, 0.53
HSL	101°, 17%, 40%
HSV	101°, 29%, 47%
XYZ	12.9156, 16.2680, 10.8476
YIQ	107.8340, -3.0690, -15.9730

Conversions

Conversions Part 2

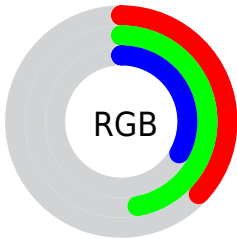
Format	Color
RYB	84, 119, 108
Decimal	6256468
CIELab	47.32, -15.89, 16.46
CIELCh	47, 22.883, 133.988
Yxy	16.2680, 0.3226, 0.4064
Android (android.graphics.Color)	4284446548 (0xFF5F7754)
YUV	107.8340, -11.7502, -11.2554
Hunter-Lab	40.3336, -13.4246, 12.2877

Details

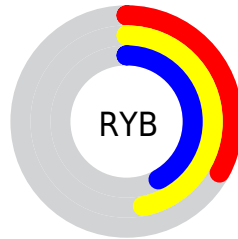
The YIQ color $107.8340, -3.0690, -15.9730$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $95.1660, 3.0690, 15.9730$, and the grayscale version is $108.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $159.3070, -3.0230, -16.8070$, and $59.8880, -3.1610, -14.3050$ is the 20% darker color. If you saturate the color by 10%, you get $104.0740, -3.9850, -21.4010$, and if you desaturate by 10%, it is $111.5940, -2.1530, -10.5450$.

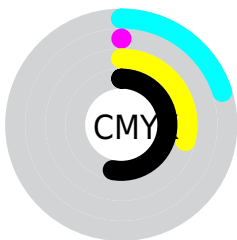
Distribution



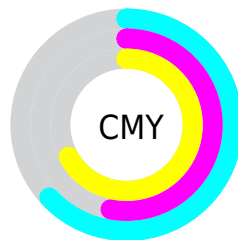
- Red (37%)
- Green (47%)
- Blue (33%)



- Red (33%)
- Yellow (47%)
- Blue (42%)



- Cyan (20%)
- Magenta (0%)
- Yellow (29%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.8340, -3.0690, -15.9730 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 107.8340, -3.0690, -15.9730 by changing the saturation by 10% instead.

■ 107.8340, -3.0690,
-15.9730

■ 107.8340, -3.0690,
-15.9730

■ 255.0000, -0.0000,
-0.0000

■ 83.3610, -3.1150,
-15.1390

■ 159.3070, -3.0230,
-16.8070

■ 59.8880, -3.1610,
-14.3050

■ 186.7800, -2.9770,
-17.6410

■ 38.0020, -3.4820,
-13.9940

■ 214.3670, -3.2520,
-18.1640

■ 16.4360, -7.7000,
-14.6440

■ 242.3670, -3.2520,
-18.1640

■ 0.0000, 0.0000,
0.0000

■ 253.6320, 3.8520,
-3.7320

■ 107.8340, -3.0690,
-15.9730

■ 107.8340, -3.0690,
-15.9730

■ 104.0740, -3.9850,
-21.4010

■ 111.5940, -2.1530,
-10.5450

■ 100.3140, -4.9010,
-26.8290

■ 115.3540, -1.2370,
-5.1170

■ 96.2550, -6.4130,
-32.4690

■ 119.1140, -0.3210,
0.3110

■ 92.4950, -7.3290,
-37.8970

■ 123.1730, 1.1910,
5.9510

■ 88.7350, -8.2450,
-43.3250

■ 126.9330, 2.1070,
11.3790

■ 85.0890, -9.4820,
-48.4420

■ 130.5790, 3.3440,
16.4960

■ 81.3290, -10.3980,
-53.8700

■ 134.3390, 4.2600,
21.9240

■ 80.9160, -10.6730,

■ 138.0990, 5.1760,

-54.3930

27.3520

■ 142.1580, 6.6880,
32.9920

Harmonies

Analogous

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



110.4510, 14.3070, -11.4930



107.8340, -3.0690, -15.9730



104.6560, -23.0590, -17.1310

Triad

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



107.8340, -3.0690, -15.9730



106.8940, -37.6880, 0.2000



114.5310, 29.6620, 13.1020

Complementary

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



107.8340, -3.0690, -15.9730



95.1660, 3.0690, 15.9730

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.



115.1910, 19.1160, 17.0040



107.8340, -3.0690, -15.9730



112.0430, -18.7540, 9.4860

Square

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



107.8340, -3.0690, -15.9730



102.0080, -47.1770, -9.5530



114.6820, 1.5560, 15.8600



113.0440, 32.2310, 5.0870

Rectangle

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



107.8340, -3.0690, -15.9730



102.8380, -35.2550, -16.3670



114.6820, 1.5560, 15.8600



114.9160, 27.1400, 14.7560

Sweetspot

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



107.8340, -3.0690, -15.9730



151.4140, -1.4660, -6.4740



108.5530, 14.2600, -5.1320



76.1800, -0.6870, -4.0710



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



107.8340, -3.0690, -15.9730



138.3680, -4.9930, -25.1610



105.2290, -11.5510, -16.4390



57.1200, -0.4580, -2.7140



82.9760, -10.9020, -55.7500



170.0720, -22.2620, -114.2140

Inverse Universe

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



95.1660, 3.0690, 15.9730



118.3330, 4.3970, 24.9490



97.7710, 11.5510, 16.4390



54.8800, 0.4580, 2.7140



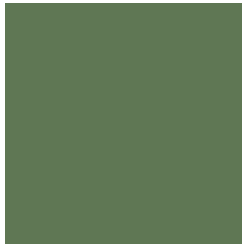
39.0240, 10.9020, 55.7500



79.9280, 22.2620, 114.2140

Previews

White Background



This preview shows how the YIQ color 107.8340, -3.0690, -15.9730 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 107.8340, -3.0690, -15.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

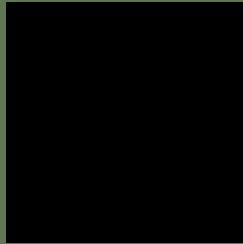
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.8340, -3.0690, -15.9730

Background



This preview shows how black text looks on a background with the YIQ color 107.8340, -3.0690, -15.9730.



This preview shows how white text looks on a background with the YIQ color 107.8340, -3.0690,

-15.9730.

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

107.8340, -3.0690, -15.9730

Protanopia

110.8580, 14.7190, -7.9450

Deuteranopia

111.7820, 21.0450, -1.4430



Tritanopia

111.1390, -10.6370, 0.0430

Trichromacy



Original Color

107.8340, -3.0690, -15.9730

Protanomaly

110.0420, 8.2090, -11.1110

Deuteranomaly

110.1290, 12.5180, -6.6020

Tritanomaly

110.1190, -7.8850, -5.7810

Monochromacy



Original Color

107.8340, -3.0690, -15.9730

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.8270, -1.1910, -5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.8340, -3.0690, -15.9730 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(95, 119, 84)` looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 84)  
}
```

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(95, 119, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 84) }
```

Border

The CSS property to change the border of an element to YIQ 107.8340, -3.0690, -15.9730 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(95, 119, 84) }
```


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

```
.border{ border-color:rgb(95, 119, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 119, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 119, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 119, 84);  
box-shadow:4px 4px 4px 4px rgb(95, 119,  
84) }
```

Background

The CSS property to change the background color of an element to YIQ 107.8340, -3.0690, -15.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 84) }
```

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

```
.background{ background-color: rgb(95, 119,  
84) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor