

Converting Colors

YIQ(112.4740, 15.5000,
-16.5960)

Have a look what the booklet for
YIQ(112.4740, 15.5000, -16.5960)
contains.

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Color

**YIQ(112.4740, 15.5000,
-16.5960)**

Conversions

Conversions Part 1

Format	Color
Hex	757743
RGB	117, 119, 67
RGB Percent	46%, 47%, 26%
CMY	0.5412, 0.5333, 0.7371
CMYK	0.02, 0.00, 0.44, 0.53
HSL	62°, 28%, 36%
HSV	62°, 44%, 47%
XYZ	14.9457, 17.3806, 7.8814
YIQ	112.4740, 15.5000, -16.5960

Conversions

Conversions Part 2

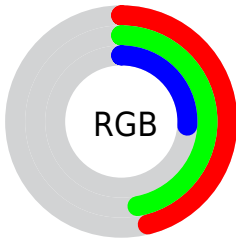
Format	Color
RYB	67, 119, 69
Decimal	7698243
CIELab	48.74, -9.16, 28.26
CIElCh	49, 29.710, 107.958
Yxy	17.3806, 0.3717, 0.4323
Android (android.graphics.Color)	4285888323 (0xFF757743)
YUV	112.4740, -22.4187, 3.9693
Hunter-Lab	41.6901, -8.9664, 17.9745

Details

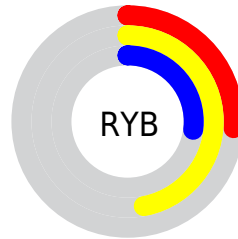
The YIQ color $112.4740, 15.5000, -16.5960$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $73.5260, -15.5000, 16.5960$, and the grayscale version is $113.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $164.4310, 17.0590, -17.3170$, and $64.1040, 13.6660, -16.3980$ is the 20% darker color. If you saturate the color by 10%, you get $111.1060, 19.3520, -20.3280$, and if you desaturate by 10%, it is $113.8420, 11.6480, -12.8640$.

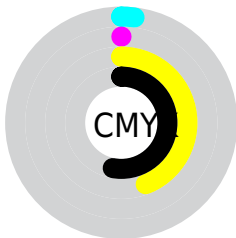
Distribution



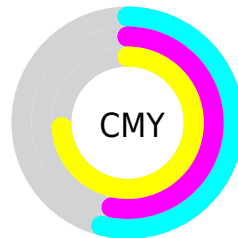
- Red (46%)
- Green (47%)
- Blue (26%)



- Red (26%)
- Yellow (47%)
- Blue (27%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.4740, 15.5000, -16.5960 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 112.4740, 15.5000, -16.5960 by changing the saturation by 10% instead.

■ 112.4740, 15.5000,
-16.5960

■ 112.4740, 15.5000,
-16.5960

■ 255.0000, -0.0000,
-0.0000

■ 87.7020, 14.8580,
-15.9740

■ 164.4310, 17.0590,
-17.3170

■ 64.1040, 13.6660,
-16.3980

■ 191.6160, 17.9760,
-17.4160

■ 41.6310, 13.6200,
-15.5640

■ 219.5020, 18.2970,
-17.7270

■ 22.7150, 4.8160,
-10.1920

■ 248.2740, 18.9390,
-18.3490

■ 0.0000, 0.0000,
0.0000

■ 251.4660, 9.9510,
-9.6410

254.7720, 0.6420,

-0.6220

■ 112.4740, 15.5000,
-16.5960

■ 112.4740, 15.5000,
-16.5960

■ 111.1060, 19.3520,
-20.3280

■ 113.8420, 11.6480,
-12.8640

■ 109.4390, 22.6080,
-24.2720

■ 115.5090, 8.3920,
-8.9200

■ 108.0710, 26.4600,
-28.0040

■ 116.8770, 4.5400,
-5.1880

■ 106.4040, 29.7160,
-31.9480

■ 118.5440, 1.2840,
-1.2440

■ 105.1500, 33.2470,
-35.3690

■ 119.9120, -2.5680,
2.4880

■ 103.9390, 35.2190,
-38.0690

■ 121.4650, -5.5030,
6.1210

■ 122.8330, -9.3550,
9.8530

■ 124.5000,
-12.6110, 13.7970

■ 125.8680,
-16.4630, 17.5290

Harmonies

Analogous

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



114.9540, 32.0040, -7.3240



112.4740, 15.5000, -16.5960



108.9210, -7.9280, -21.5280

Triad

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



112.4740, 15.5000, -16.5960



91.8770, -83.7170, -19.1490



118.6590, 26.7260, 22.2620

Complementary

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



112.4740, 15.5000, -16.5960



73.5260, -15.5000, 16.5960

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.



119.1110, 4.9020, 21.3020



112.4740, 15.5000, -16.5960



107.3640, -50.7550, 0.2290

Square

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



112.4740, 15.5000, -16.5960



92.3370, -73.6290, -25.7650



115.7100, -22.0100, 13.4300



117.9020, 38.9230, 15.9710

Rectangle

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



112.4740, 15.5000, -16.5960



106.1130, -26.0840, -22.8840



115.7100, -22.0100, 13.4300



119.2500, 20.6280, 22.6440

Sweetspot

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



112.4740, 15.5000, -16.5960



153.3070, 6.1450, -6.7430



83.7220, 30.4420, 9.9780



77.5180, 4.1730, -4.0430



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.



112.4740, 15.5000, -16.5960



145.5700, 23.6170, -26.0390



104.7000, 0.0040, -22.1080



58.0170, 1.3300, -2.0780



106.8960, 36.7780, -38.7900



218.5100, 74.2900, -79.8700

Inverse Universe

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



73.5260, -15.5000, 16.5960



85.1310, -24.2130, 25.8270



81.3000, -0.0040, 22.1080



53.6840, -1.9260, 1.8660



15.4030, -36.1820, 39.0020



31.4900, -74.2900, 79.8700

Previews

White Background



This preview shows how the YIQ color 112.4740, 15.5000, -16.5960 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 112.4740, 15.5000, -16.5960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

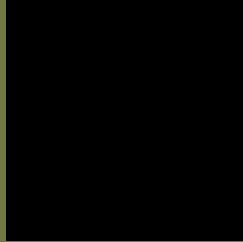
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.4740, 15.5000, -16.5960

Background



This preview shows how black text looks on a background with the YIQ color 112.4740, 15.5000, -16.5960.



This preview shows how white text looks on a background with the YIQ color 112.4740, 15.5000, -16.5960.

-16.5960.

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

112.4740, 15.5000, -16.5960

Protanopia

113.5890, 22.6060, -13.2180

Deuteranopia

114.2960, 31.0410, -6.3910



Tritanopia

117.0160, 3.0710, 4.9190

Trichromacy



Original Color

112.4740, 15.5000, -16.5960

Protanomaly

112.9800, 19.9470, -14.5890

Deuteranomaly

113.5510, 25.7690, -9.9670

Tritanomaly

115.3120, 7.7490, -2.7710

Monochromacy



Original Color

112.4740, 15.5000, -16.5960

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.5350, 5.5030, -6.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.4740, 15.5000, -16.5960 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(117, 119, 67)` looks like.

```
.text, #text, p{  
    color:rgb(117, 119, 67)  
}
```

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(117, 119, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 119, 67) }
```

Border

The CSS property to change the border of an element to YIQ 112.4740, 15.5000, -16.5960 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(117, 119, 67) }
```


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

```
.border{ border-color:rgb(117, 119, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 119, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 119, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 119, 67);  
box-shadow:4px 4px 4px 4px rgb(117, 119,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 112.4740, 15.5000, -16.5960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 119, 67) }
```

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

```
.background{ background-color: rgb(117,  
119, 67) }
```

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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