

Converting Colors

YIQ(106.9760, 25.7700,
-15.4940)

Have a look what the booklet for
YIQ(106.9760, 25.7700, -15.4940)
contains.

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Color

**YIQ(106.9760, 25.7700,
-15.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6E34
RGB	122, 110, 52
RGB Percent	48%, 43%, 20%
CMY	0.5216, 0.5686, 0.7959
CMYK	0.00, 0.10, 0.57, 0.52
HSL	50°, 40%, 34%
HSV	50°, 57%, 48%
XYZ	14.2218, 15.5364, 5.5025
YIQ	106.9760, 25.7700, -15.4940

Conversions

Conversions Part 2

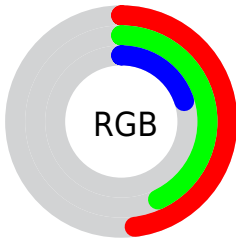
Format	Color
R_{YB}	66, 122, 52
Decimal	8023604
CIE _{Lab}	46.36, -3.35, 33.57
CIE _{LCh}	46, 33.741, 95.696
Yxy	15.5364, 0.4033, 0.4406
Android (android.graphics.Color)	4286213684 (0xFF7A6E34)
YUV	106.9760, -27.1032, 13.1760
Hunter-Lab	39.4163, -4.5738, 19.3145

Details

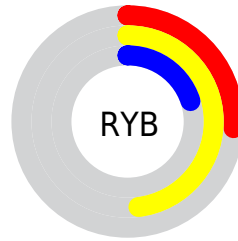
The YIQ color **106.9760, 25.7700, -15.4940** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.0240, -25.7700, 15.4940**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.5310, 28.5210, -15.7910**, and **58.6660, 23.7070, -16.6530** is the 20% darker color. If you saturate the color by 10%, you get **104.4340, 30.1720, -18.1800**, and if you desaturate by 10%, it is **109.5180, 21.3680, -12.8080**.

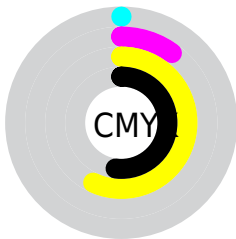
Distribution



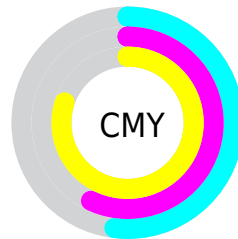
- Red (48%)
- Green (43%)
- Blue (20%)



- Red (26%)
- Yellow (48%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (57%)
- Black (52%)



- Cyan (52%)
- Magenta (57%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.9760, 25.7700, -15.4940 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 106.9760, 25.7700, -15.4940 by changing the saturation by 10% instead.

■ 106.9760, 25.7700,
-15.4940

■ 106.9760, 25.7700,
-15.4940

■ 255.0000, -0.0000,
-0.0000

■ 82.4920, 24.2570,
-15.6070

■ 158.5310, 28.5210,
-15.7910

■ 58.6660, 23.7070,
-16.6530

■ 185.7160, 29.4380,
-15.8900

■ 38.1200, 16.7370,
-11.4790

■ 213.7870, 30.6760,
-16.3000

■ 18.9050, 7.3370,
-6.3190

■ 239.8790, 27.4210,
-17.8830

■ 0.0000, 0.0000,
0.0000

■ 249.5280, 15.4080,
-14.9280

■ 252.8340, 6.0990,

-5.9090

■ 106.9760, 25.7700,
-15.4940

■ 106.9760, 25.7700,
-15.4940

■ 104.4340, 30.1720,
-18.1800

■ 109.5180, 21.3680,
-12.8080

■ 101.8920, 34.5740,
-20.8660

■ 112.0600, 16.9660,
-10.1220

■ 99.2360, 39.2970,
-23.8630

■ 114.7160, 12.2430,
-7.1250

■ 96.6940, 43.6990,
-26.5490

■ 117.2580, 7.8410,
-4.4390

■ 95.7650, 44.9370,
-26.9590

■ 119.8000, 3.4390,
-1.7530

■ 122.9290, -1.2380,
0.4100

■ 125.4710, -5.6400,
3.0960

■ 128.1270,
-10.3630, 6.0930

■ 130.6690,
-14.7650, 8.7790

Harmonies

Analogous

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



108.9660, 40.8980, -3.3100



106.9760, 25.7700, -15.4940



103.8420, 2.4800, -22.9280

Triad

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



106.9760, 25.7700, -15.4940



88.3890, -79.4070, -20.1670



113.2440, 20.7650, 25.6690

Complementary

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



106.9760, 25.7700, -15.4940



67.0240, -25.7700, 15.4940

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.



112.0650, -6.6520, 21.4440



106.9760, 25.7700, -15.4940



88.2070, -84.4060, -12.1660

Square

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



106.9760, 25.7700, -15.4940



85.8980, -71.0150, -29.0870



105.9080, -40.3030, 9.0490



111.1890, 39.7930, 22.2330

Rectangle

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



106.9760, 25.7700, -15.4940



100.4360, -16.8680, -24.7080



105.9080, -40.3030, 9.0490



112.9380, 12.8790, 25.4150

Sweetspot

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



106.9760, 25.7700, -15.4940



151.9870, 10.0420, -5.7820



74.4120, 37.5470, 18.8830



75.4150, 5.9610, -3.4070



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.



106.9760, 25.7700, -15.4940



134.4210, 40.2140, -23.9620



107.4420, 9.3580, -26.4340



59.7290, 2.2010, -1.3430



98.4230, 45.9000, -27.8920



198.0310, 92.7170, -55.8830

Inverse Universe

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



67.0240, -25.7700, 15.4940



72.5790, -40.2140, 23.9620



66.5580, -9.3580, 26.4340



56.2710, -2.2010, 1.3430



26.5770, -45.9000, 27.8920



53.9690, -92.7170, 55.8830

Previews

White Background



This preview shows how the YIQ color 106.9760, 25.7700, -15.4940 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 106.9760, 25.7700, -15.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

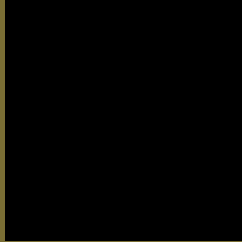
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.9760, 25.7700, -15.4940

Background



This preview shows how black text looks on a background with the YIQ color 106.9760, 25.7700, -15.4940.



This preview shows how white text looks on a background with the YIQ color 106.9760, 25.7700,

-15.4940.

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

106.9760, 25.7700, -15.4940

Protanopia

106.9760, 25.7700, -15.4940

Deuteranopia

108.0420, 34.5720, -9.8120



Tritanopia

111.7890, 11.1400, 7.3640

Trichromacy



Original Color

106.9760, 25.7700, -15.4940

Protanomaly

106.9760, 25.7700, -15.4940

Deuteranomaly

107.7210, 31.0420, -11.9180

Tritanomaly

109.8570, 16.4600, -0.9480

Monochromacy



Original Color

106.9760, 25.7700, -15.4940

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.8020, 9.1250, -5.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.9760, 25.7700, -15.4940 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(122, 110, 52)` looks like.

```
.text, #text, p{  
    color:rgb(122, 110, 52)  
}
```

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(122, 110, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 110, 52) }
```

Border

The CSS property to change the border of an element to YIQ 106.9760, 25.7700, -15.4940 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(122, 110, 52) }
```


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

```
.border{ border-color:rgb(122, 110, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 110, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 110, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 110, 52);  
box-shadow:4px 4px 4px 4px rgb(122, 110,  
52) }
```

Background

The CSS property to change the background color of an element to YIQ 106.9760, 25.7700, -15.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 110, 52) }
```

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

```
.background{ background-color: rgb(122,  
110, 52) }
```

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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