

Converting Colors

YIQ(138.7760, 30.3500, 11.6460)

Have a look what the booklet for
YIQ(138.7760, 30.3500, 11.6460)
contains.

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Color

**YIQ(138.7760, 30.3500,
11.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7B7D
RGB	175, 123, 125
RGB Percent	69%, 48%, 49%
CMY	0.3136, 0.5177, 0.5097
CMYK	0.00, 0.30, 0.29, 0.31
HSL	358°, 25%, 58%
HSV	358°, 30%, 69%
XYZ	28.4702, 24.7596, 22.6907
YIQ	138.7760, 30.3500, 11.6460

Conversions

Conversions Part 2

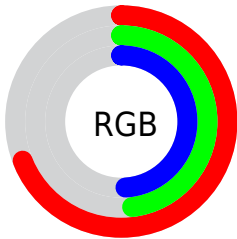
Format	Color
R_{YB}	175, 123, 125
Decimal	11500413
CIE Lab	56.84, 20.58, 7.01
CIE LCh	57, 21.739, 18.817
Yxy	24.7596, 0.3750, 0.3261
Android (android.graphics.Color)	4289690493 (0xFFAF7B7D)
YUV	138.7760, -6.7916, 31.7684
Hunter-Lab	49.7590, 15.0526, 7.7943

Details

The YIQ color **138.7760, 30.3500, 11.6460** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **159.2240, -30.3500, -11.6460**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9720, 32.7340, 12.4940**, and **88.2810, 27.3700, 10.5860** is the 20% darker color. If you saturate the color by 10%, you get **126.2720, 40.7570, 15.7730**, and if you desaturate by 10%, it is **150.6930, 20.2180, 8.0420**.

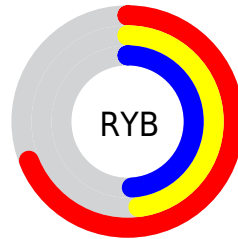
Distribution



Red (69%)

Green (48%)

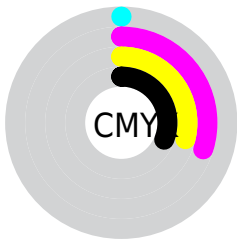
Blue (49%)



Red (69%)

Yellow (48%)

Blue (49%)

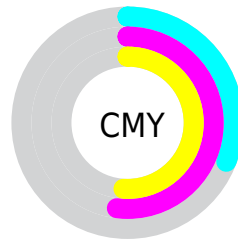


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.7760, 30.3500, 11.6460 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 138.7760, 30.3500, 11.6460 by changing the saturation by 10% instead.


 138.7760, 30.3500,
11.6460

 138.7760, 30.3500,
11.6460


255.0000, -0.0000,
-0.0000


 113.1780, 29.1580,
11.2220


 192.9720, 32.7340,
12.4940


 88.2810, 27.3700,
10.5860


 218.7760, 30.3500,
11.6460

 63.9110, 25.5360,
10.7840

 238.9910, 13.3870,
5.1870

 41.0140, 23.7480,
10.1480

 18.6010, 23.4730,
9.6250

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 138.7760, 30.3500,
11.6460

■ 138.7760, 30.3500,
11.6460

■ 126.2720, 40.7570,
15.7730

■ 150.6930, 20.2180,
8.0420

■ 114.3550, 50.8890,
19.3770

■ 163.1970, 9.8110,
3.9150

■ 101.9650, 60.9750,
23.8150

■ 175.0000, -0.0000,
-0.0000

■ 90.0480, 71.1070,
27.4190

■ 187.5040,
-10.4070, -4.1270

■ 77.5440, 81.5140,
31.5460

■ 199.4210,
-20.5390, -7.7310

■ 65.6270, 91.6460,
35.1500

■ 211.9250,
-30.9460, -11.8580

■ 53.1230, 102.0530,
39.2770

■ 224.4290,
-41.3530, -15.9850

■ 231.0800,
-47.6800, -16.9600

Harmonies

Analogous

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



139.4470, 21.2710, 16.4950



138.7760, 30.3500, 11.6460



137.8050, 31.4060, 3.5180

Triad

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



138.7760, 30.3500, 11.6460



131.8660, -6.0950, -16.1990



132.6990, -32.6450, 2.4190

Complementary

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



138.7760, 30.3500, 11.6460



159.2240, -30.3500, -11.6460

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.



128.9270, -42.4550, -7.0230



138.7760, 30.3500, 11.6460



129.2860, -24.8930, -16.9330

Square

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



138.7760, 30.3500, 11.6460



134.2550, 11.9230, -12.3410



127.6790, -39.0610, -13.4690



137.1360, -14.5820, 10.9700

Rectangle

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



138.7760, 30.3500, 11.6460



136.9630, 27.7850, -2.4470



127.6790, -39.0610, -13.4690



131.2530, -37.3210, -0.9450

Sweetspot

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



138.7760, 30.3500, 11.6460



212.9800, 11.9200, 4.2400



143.5790, 12.5120, 26.5600



106.0010, 7.4270, 3.0670



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



138.7760, 30.3500, 11.6460



169.8600, 47.9090, 18.3170



152.0490, 24.6670, -1.0050



80.6910, 5.3640, 1.9080



45.5340, 87.4740, 33.6660



6.9910, 13.3870, 5.1870

Inverse Universe

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



138.7760, 30.3500, 11.6460



169.8600, 47.9090, 18.3170



145.9510, -24.6670, 1.0050



80.6910, 5.3640, 1.9080



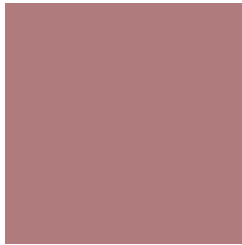
45.5340, 87.4740, 33.6660



6.9910, 13.3870, 5.1870

Previews

White Background



This preview shows how the YIQ color 138.7760, 30.3500, 11.6460 looks on a white 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

Black Background



This preview shows how the YIQ color 138.7760, 30.3500, 11.6460 looks on a black 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

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

YIQ 138.7760, 30.3500, 11.6460

Background



This preview shows how black text looks on a background with the YIQ color 138.7760, 30.3500, 11.6460.



This preview shows how white text looks on a background with the YIQ color 138.7760, 30.3500,

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

138.7760, 30.3500, 11.6460

Protanopia

136.7400, 3.6680, -0.3960

Deuteranopia

137.8510, 16.5970, 2.0770



Tritanopia

139.1720, 29.2950, 14.2470

Trichromacy



Original Color

138.7760, 30.3500, 11.6460

Protanomaly

137.3500, 13.7540, 4.0420

Deuteranomaly

138.2970, 21.2730, 5.4410

Tritanomaly

138.9440, 29.9370, 13.6250

Monochromacy



Original Color

138.7760, 30.3500, 11.6460

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7950, 11.0030, 4.3390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7760, 30.3500, 11.6460 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(175, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 125)  
}
```

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(175, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 125) }
```

Border

The CSS property to change the border of an element to YIQ 138.7760, 30.3500, 11.6460 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(175, 123, 125) }
```


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

```
.border{ border-color:rgb(175, 123, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 123, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 123, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 123,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7760, 30.3500, 11.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 125) }
```

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

```
.background{ background-color: rgb(175,  
123, 125) }
```

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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