

Converting Colors

YIQ(109.6860, 30.1230, -0.7650)

Have a look what the booklet for
YIQ(109.6860, 30.1230, -0.7650)
contains.

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Color

**YIQ(109.6860, 30.1230,
-0.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	8A664B
RGB	138, 102, 75
RGB Percent	54%, 40%, 29%
CMY	0.4588, 0.6000, 0.7057
CMYK	0.00, 0.26, 0.46, 0.46
HSL	26°, 30%, 42%
HSV	26°, 46%, 54%
XYZ	16.5052, 15.4130, 8.7681
YIQ	109.6860, 30.1230, -0.7650

Conversions

Conversions Part 2

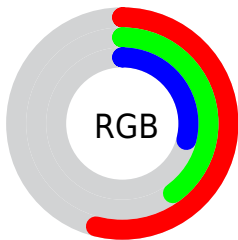
Format	Color
R_{YB}	138, 122, 75
Decimal	9070155
CIE Lab	46.19, 10.87, 20.87
CIE LCh	46, 23.528, 62.478
Yxy	15.4130, 0.4057, 0.3788
Android (android.graphics.Color)	4287260235 (0xFF8A664B)
YUV	109.6860, -17.1002, 24.8314
Hunter-Lab	39.2594, 6.3401, 14.2399

Details

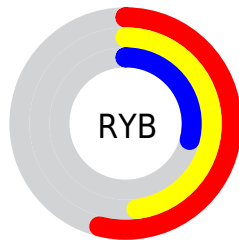
The YIQ color $109.6860, 30.1230, -0.7650$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $103.3140, -30.1230, 0.7650$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.6540, 33.1490, -0.5390$, and $61.4190, 26.5010, -1.2030$ is the 20% darker color. If you saturate the color by 10%, you get $103.3940, 36.8170, -0.9350$, and if you desaturate by 10%, it is $115.9780, 23.4290, -0.5950$.

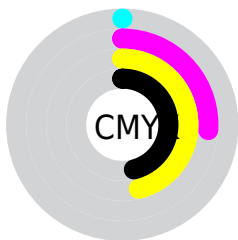
Distribution



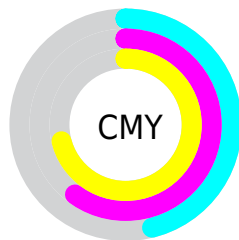
- Red (54%)
- Green (40%)
- Blue (29%)



- Red (54%)
- Yellow (48%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (46%)





- Cyan (46%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.6860, 30.1230, -0.7650 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 109.6860, 30.1230, -0.7650 by changing the saturation by 10% instead.


 109.6860, 30.1230,
-0.7650


 109.6860, 30.1230,
-0.7650


255.0000, -0.0000,
-0.0000


 85.2020, 28.6100,
-0.8780


 161.6540, 33.1490,
-0.5390


 61.4190, 26.5010,
-1.2030

 188.8390, 34.0660,
-0.6380

 38.9950, 24.7590,
-2.6730

 216.7360, 35.8540,
-0.0020

 18.9930, 19.0730,
1.2570

 238.0330, 21.5960,
-5.9240

 0.0000, 0.0000,
0.0000

 252.4920, 7.0620,
-6.8420

■ 109.6860, 30.1230,
-0.7650

■ 109.6860, 30.1230,
-0.7650

■ 103.3940, 36.8170,
-0.9350

■ 115.9780, 23.4290,
-0.5950

■ 97.1020, 43.5110,
-1.1050

■ 122.2700, 16.7350,
-0.4250

■ 90.9240, 49.8840,
-0.9640

■ 128.4480, 10.3620,
-0.5660

■ 84.6320, 56.5780,
-1.1340

■ 134.7400, 3.6680,
-0.3960

■ 78.9270, 62.9970,
-1.8270

■ 140.4450, -2.7510,
0.2970

■ 75.8950, 66.0230,
-1.6010

■ 146.7370, -9.4450,
0.4670

■ 153.0290,
-16.1390, 0.6370

■ 159.2070,

-22.5120, 0.4960

■ 165.4990,
-29.2060, 0.6660

Harmonies

Analogous

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



110.4510, 32.6430, 8.6350



109.6860, 30.1230, -0.7650



108.1420, 19.6710, -9.5850

Triad

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



109.6860, 30.1230, -0.7650



99.1260, -36.1260, -17.1020



111.4360, -6.5590, 14.2490

Complementary

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



109.6860, 30.1230, -0.7650



103.3140, -30.1230, 0.7650

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.



107.4440, -27.3730, 5.9950



109.6860, 30.1230, -0.7650



97.8180, -49.6980, -13.4260

Square

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



109.6860, 30.1230, -0.7650



103.2500, -16.0440, -17.6120



101.2520, -44.7480, -4.0120



112.1950, 13.2930, 17.9090

Rectangle

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



109.6860, 30.1230, -0.7650



106.9450, 9.8600, -13.5000



101.2520, -44.7480, -4.0120



110.2610, -13.4360, 12.2280

Sweetspot

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



109.6860, 30.1230, -0.7650



167.3450, 12.1500, 0.0700



98.0550, 25.6710, 24.8630



82.5940, 7.0150, -0.4810



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



109.6860, 30.1230, -0.7650



134.2550, 47.4540, -0.9780



127.8830, 21.5980, -16.9780



65.8540, 3.3470, -0.0850



73.2260, 63.5930, -1.6150



2.6690, 2.4300, 0.0140

Inverse Universe

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



103.3140, -30.1230, 0.7650



124.1580, -47.1790, 1.5010



85.1170, -21.5980, 16.9780



65.1460, -3.3470, 0.0850



59.7740, -63.5930, 1.6150



2.3310, -2.4300, -0.0140

Previews

White Background



This preview shows how the YIQ color 109.6860, 30.1230, -0.7650 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 109.6860, 30.1230, -0.7650 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 109.6860, 30.1230, -0.7650

Background



This preview shows how black text looks on a background with the YIQ color 109.6860, 30.1230, -0.7650.



This preview shows how white text looks on a background with the YIQ color 109.6860, 30.1230, -0.7650.

-0.7650.

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

109.6860, 30.1230, -0.7650

Protanopia

108.7440, 15.0400, -8.2560

Deuteranopia

109.2400, 25.4470, -4.1290



Tritanopia

111.6550, 23.3810, 11.2930

Trichromacy



Original Color

109.6860, 30.1230, -0.7650

Protanomaly

108.9620, 20.3580, -5.5140

Deuteranomaly

109.5500, 27.5100, -2.9700

Tritanomaly

110.6890, 26.0410, 7.1370

Monochromacy



Original Color

109.6860, 30.1230, -0.7650

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7470, 10.9580, -0.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.6860, 30.1230, -0.7650 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(138, 102, 75)` looks like.

```
.text, #text, p{  
    color:rgb(138, 102, 75)  
}
```

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(138, 102, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 102, 75) }
```

Border

The CSS property to change the border of an element to YIQ 109.6860, 30.1230, -0.7650 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(138, 102, 75) }
```


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

```
.border{ border-color:rgb(138, 102, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 102, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 102, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 102, 75);  
box-shadow:4px 4px 4px 4px rgb(138, 102,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 109.6860, 30.1230, -0.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 102, 75) }
```

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

```
.background{ background-color: rgb(138,  
102, 75) }
```

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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