

Converting Colors

YIQ(111.6880, 18.6140, 4.0700)

Have a look what the booklet for
YIQ(111.6880, 18.6140, 4.0700)
contains.

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Color

**YIQ(111.6880, 18.6140,
4.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	846862
RGB	132, 104, 98
RGB Percent	52%, 41%, 38%
CMY	0.4823, 0.5922, 0.6156
CMYK	0.00, 0.21, 0.26, 0.48
HSL	11°, 15%, 45%
HSV	11°, 26%, 52%
XYZ	16.6729, 15.6873, 13.7094
YIQ	111.6880, 18.6140, 4.0700

Conversions

Conversions Part 2

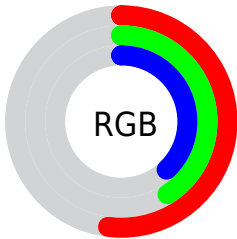
Format	Color
R_{YB}	132, 105, 98
Decimal	8677474
CIE _{Lab}	46.56, 10.23, 7.62
CIE _{LCh}	47, 12.760, 36.684
Yxy	15.6873, 0.3619, 0.3405
Android (android.graphics.Color)	4286867554 (0xFF846862)
YUV	111.6880, -6.7482, 17.8136
Hunter-Lab	39.6072, 5.8281, 7.2027

Details

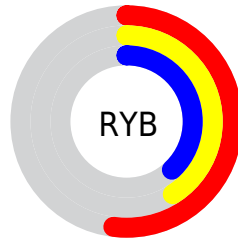
The YIQ color **111.6880, 18.6140, 4.0700** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118.3120, -18.6140, -4.0700**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5850, 20.4020, 4.7060**, and **63.9050, 16.5050, 3.7450** is the 20% darker color. If you saturate the color by 10%, you get **103.7490, 25.8120, 5.7800**, and if you desaturate by 10%, it is **119.6270, 11.4160, 2.3600**.

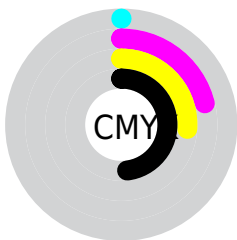
Distribution



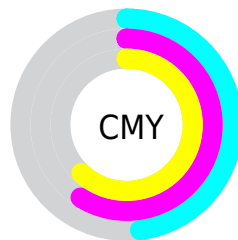
- Red (52%)
- Green (41%)
- Blue (38%)



- Red (52%)
- Yellow (41%)
- Blue (38%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (48%)



- Cyan (48%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.6880, 18.6140, 4.0700 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 111.6880, 18.6140, 4.0700 by changing the saturation by 10% instead.

■ 111.6880, 18.6140,
4.0700

■ 111.6880, 18.6140,
4.0700

255.0000, -0.0000,
-0.0000

■ 87.0900, 17.4220,
3.6460

■ 163.5850, 20.4020,
4.7060

■ 63.9050, 16.5050,
3.7450

■ 190.7700, 21.3190,
4.6070

■ 41.4210, 14.9920,
3.6320

■ 218.7700, 21.3190,
4.6070

■ 20.5520, 16.0010,
1.8650

■ 242.2850, 12.3790,
1.4270

■ 0.0000, 0.0000,
0.0000

■ 111.6880, 18.6140,

■ 111.6880, 18.6140,

4.0700

4.0700

■ 103.7490, 25.8120,
5.7800

■ 119.6270, 11.4160,
2.3600

■ 95.8100, 33.0100,
7.4900

■ 127.5660, 4.2180,
0.6500

■ 87.7570, 40.5290,
8.8890

■ 135.6190, -3.3010,
-0.7490

■ 79.8180, 47.7270,
10.5990

■ 143.5580,
-10.4990, -2.4590

■ 72.4660, 54.6500,
11.7860

■ 150.9100,
-17.4220, -3.6460

■ 64.5270, 61.8480,
13.4960

■ 158.8490,
-24.6200, -5.3560

■ 56.5880, 69.0460,
15.2060

■ 166.7880,
-31.8180, -7.0660

■ 52.9690, 72.3470,
15.9550

■ 174.8410,
-39.3370, -8.4650

■ 182.7800,
-46.5350, -10.1750

Harmonies

Analogous

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



112.2410, 15.6790, 7.7030



111.6880, 18.6140, 4.0700



110.8570, 16.4600, -0.9480

Triad

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



111.6880, 18.6140, 4.0700



107.2280, -9.8100, -9.4420



109.7030, -12.1050, 4.6230

Complementary

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



111.6880, 18.6140, 4.0700



118.3120, -18.6140, -4.0700

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.



108.3490, -20.0360, -0.3240



111.6880, 18.6140, 4.0700



106.5630, -18.0630, -8.5510

Square

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



111.6880, 18.6140, 4.0700



108.6160, 0.7810, -8.6510



106.6320, -22.5110, -5.0310



111.6720, -1.6520, 7.9160

Rectangle

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



111.6880, 18.6140, 4.0700



110.0090, 12.9760, -3.8880



106.6320, -22.5110, -5.0310



109.6810, -15.0390, 2.7290

Sweetspot

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



111.6880, 18.6140, 4.0700



162.9470, 7.5190, 1.3990



111.3580, 11.2760, 15.9160



81.8650, 4.8140, 0.8620



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



111.6880, 18.6140, 4.0700



139.1300, 29.1130, 6.5290



121.6670, 13.9390, -4.8210



62.3810, 3.3010, 0.7490



52.3710, 71.1550, 15.5310



0.8970, 1.7880, 0.6360

Inverse Universe

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



118.3120, -18.6140, -4.0700



149.8700, -29.1130, -6.5290



108.3330, -13.9390, 4.8210



63.6190, -3.3010, -0.7490



77.6290, -71.1550, -15.5310



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 111.6880, 18.6140, 4.0700 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 111.6880, 18.6140, 4.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

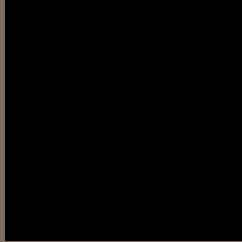
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.6880, 18.6140, 4.0700

Background



This preview shows how black text looks on a background with the YIQ color 111.6880, 18.6140, 4.0700.



This preview shows how white text looks on a background with the YIQ color 111.6880, 18.6140,

4.0700.

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

111.6880, 18.6140, 4.0700

Protanopia

110.4690, 5.8690, -1.7390

Deuteranopia

111.0680, 14.4880, 1.7520



Tritanopia

112.1810, 15.9080, 9.0600

Trichromacy



Original Color

111.6880, 18.6140, 4.0700

Protanomaly

110.9750, 10.3160, 0.2680

Deuteranomaly

111.0790, 15.9550, 2.6990

Tritanomaly

112.3120, 16.9170, 7.2930

Monochromacy



Original Color

111.6880, 18.6140, 4.0700

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.7620, 6.6020, 1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.6880, 18.6140, 4.0700 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(132, 104, 98)` looks like.

```
.text, #text, p{  
    color:rgb(132, 104, 98)  
}
```

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(132, 104, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 104, 98) }
```

Border

The CSS property to change the border of an element to YIQ 111.6880, 18.6140, 4.0700 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(132, 104, 98) }
```


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

```
.border{ border-color:rgb(132, 104, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 104, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 104, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 104, 98);  
box-shadow:4px 4px 4px 4px rgb(132, 104,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 111.6880, 18.6140, 4.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 104, 98) }
```

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

```
.background{ background-color: rgb(132,  
104, 98) }
```

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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