

Converting Colors

YIQ(104.8860, -7.7060, 18.5180)

Have a look what the booklet for
YIQ(104.8860, -7.7060, 18.5180)
contains.

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Color

**YIQ(104.8860, -7.7060,
18.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5F91
RGB	109, 95, 145
RGB Percent	43%, 37%, 57%
CMY	0.5725, 0.6275, 0.4314
CMYK	0.25, 0.34, 0.00, 0.43
HSL	257°, 21%, 47%
HSV	257°, 34%, 57%
XYZ	15.5099, 13.4794, 28.5652
YIQ	104.8860, -7.7060, 18.5180

Conversions

Conversions Part 2

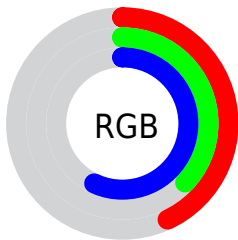
Format	Color
R _Y B	109, 95, 145
Decimal	7167889
CIE Lab	43.48, 16.86, -25.49
CIE LCh	43, 30.560, 303.490
Yxy	13.4794, 0.2695, 0.2342
Android (android.graphics.Color)	4285357969 (0xFF6D5F91)
YUV	104.8860, 19.7762, 3.6080
Hunter-Lab	36.7143, 11.1567, -20.4300

Details

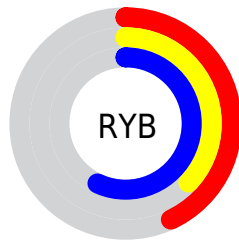
The YIQ color **104.8860, -7.7060, 18.5180** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **135.1140, 7.7060, -18.5180**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5270, -8.0730, 19.6630**, and **57.4190, -7.8890, 16.3270** is the 20% darker color. If you saturate the color by 10%, you get **93.0910, -9.5410, 24.2430**, and if you desaturate by 10%, it is **116.0940, -5.5960, 13.3160**.

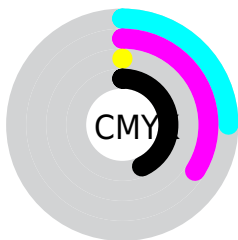
Distribution



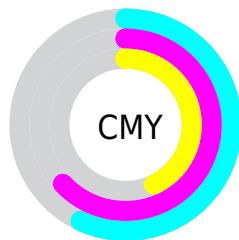
- Red (43%)
- Green (37%)
- Blue (57%)



- Red (43%)
- Yellow (37%)
- Blue (57%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (43%)



- Cyan (57%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.8860, -7.7060, 18.5180 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 104.8860, -7.7060, 18.5180 by changing the saturation by 10% instead.

■ 104.8860, -7.7060,
18.5180

■ 104.8860, -7.7060,
18.5180

■ 255.0000, -0.0000,
-0.0000

■ 80.3590, -7.6600,
17.6840

■ 156.5270, -8.0730,
19.6630

■ 57.4190, -7.8890,
16.3270

■ 183.3530, -7.5230,
20.7090

■ 35.4790, -8.1180,
14.9700

■ 210.7660, -7.2480,
21.2320

■ 12.0170, -6.6970,
16.7510

■ 236.1610, 1.4650,
12.0010

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 104.8860, -7.7060,
18.5180

■ 104.8860, -7.7060,
18.5180

■ 93.0910, -9.5410,
24.2430

■ 116.0940, -5.5960,
13.3160

■ 81.5840, -12.2470,
29.2330

■ 128.1880, -3.1650,
7.8030

■ 70.3760, -14.3570,
34.4350

■ 139.3960, -1.0550,
2.6010

■ 58.2820, -16.7880,
39.9480

■ 151.4900, 1.3760,
-2.9120

■ 47.0740, -18.8980,
45.1500

■ 162.6980, 3.4860,
-8.1140

■ 34.9800, -21.3290,
50.6630


■ 174.7920, 5.9170,
-13.6270

■ 28.7890, -22.1090,
53.7870

■ 186.0000, 8.0270,
-18.8290

■ 197.7950, 9.8620,

-24.5540

 209.3020, 12.5680,
-29.5440

Harmonies

Analogous

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



98.8220, -37.1850, 7.6070



104.8860, -7.7060, 18.5180



105.8090, 17.5560, 23.2520

Triad

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



104.8860, -7.7060, 18.5180



102.1660, 37.4590, -1.5570



80.0620, -65.6050, -28.0130

Complementary

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



104.8860, -7.7060, 18.5180



135.1140, 7.7060, -18.5180

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.



92.9670, -22.7370, -22.9690



104.8860, -7.7060, 18.5180



100.3720, 24.7150, -12.8930

Square

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



104.8860, -7.7060, 18.5180



103.1100, 41.0330, 10.7690



97.3200, 4.1300, -19.7900



82.3250, -73.3550, -19.7150

Rectangle

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



104.8860, -7.7060, 18.5180



105.1000, 29.7980, 21.6540



97.3200, 4.1300, -19.7900



87.1090, -46.6240, -25.0880

Sweetspot

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



104.8860, -7.7060, 18.5180



173.6610, -3.1190, 6.9690



122.4190, -26.2250, -3.8010



85.1510, -1.7430, 4.0570



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



104.8860, -7.7060, 18.5180



126.4700, -11.9260, 28.9220



112.0620, 6.5980, 23.6060



65.3960, -1.0550, 2.6010



26.7520, -20.6870, 50.0410



1.5100, -1.3760, 2.9120

Inverse Universe

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



114.0540, 18.2440, 21.7960



140.7060, 28.5120, 33.9520



127.9380, -6.5980, -23.6060



66.6630, 2.5670, 3.0390



51.4230, 49.3230, 58.7870



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 104.8860, -7.7060, 18.5180 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 104.8860, -7.7060, 18.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

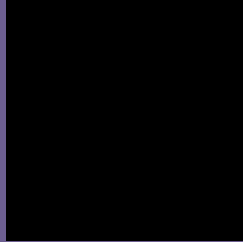
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.8860, -7.7060, 18.5180

Background



This preview shows how black text looks on a background with the YIQ color 104.8860, -7.7060, 18.5180.

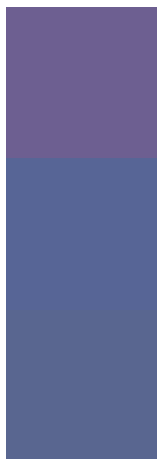


This preview shows how white text looks on a background with the YIQ color 104.8860, -7.7060,

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

104.8860, -7.7060, 18.5180

Protanopia

102.4000, -24.0730, 12.2710

Deuteranopia

102.9010, -21.2300, 10.3060



Tritanopia

102.9120, -2.5680, 2.4880

Trichromacy



Original Color

104.8860, -7.7060, 18.5180

Protanomaly

103.3900, -18.1130, 14.3910

Deuteranomaly

103.2330, -16.2330, 13.3590

Tritanomaly

103.5300, -4.1280, 8.7360

Monochromacy



Original Color

104.8860, -7.7060, 18.5180

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.6610, -3.1190, 6.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.8860, -7.7060, 18.5180 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(109, 95, 145)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 145)  
}
```

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(109, 95, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 145) }
```

Border

The CSS property to change the border of an element to YIQ 104.8860, -7.7060, 18.5180 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(109, 95, 145) }
```


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

```
.border{ border-color:rgb(109, 95, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 95, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 95, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 95, 145);  
box-shadow:4px 4px 4px 4px rgb(109, 95,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 104.8860, -7.7060, 18.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 95, 145) }
```

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

```
.background{ background-color: rgb(109, 95,  
145) }
```

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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