

Converting Colors

YIQ(109.3460, -6.7860, 1.8380)

Have a look what the booklet for
YIQ(109.3460, -6.7860, 1.8380)
contains.

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Color

**YIQ(109.3460, -6.7860,
1.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	686E78
RGB	104, 110, 120
RGB Percent	41%, 43%, 47%
CMY	0.5922, 0.5686, 0.5294
CMYK	0.13, 0.08, 0.00, 0.53
HSL	217°, 7%, 44%
HSV	217°, 13%, 47%
XYZ	14.6745, 15.4512, 19.9754
YIQ	109.3460, -6.7860, 1.8380

Conversions

Conversions Part 2

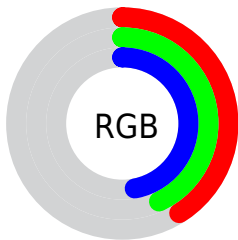
Format	Color
R_{YB}	104, 108, 120
Decimal	6844024
CIE _{Lab}	46.25, -0.07, -6.32
CIE _{LCh}	46, 6.322, 269.372
Yxy	15.4512, 0.2929, 0.3084
Android (android.graphics.Color)	4285034104 (0xFF686E78)
YUV	109.3460, 5.2524, -4.6884
Hunter-Lab	39.3080, -2.1512, -2.6142

Details

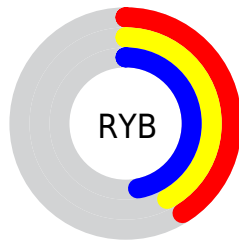
The YIQ color **109.3460, -6.7860, 1.8380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.6540, 6.7860, -1.8380**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0470, -7.3820, 1.6260**, and **62.2320, -6.4650, 1.5270** is the 20% darker color. If you saturate the color by 10%, you get **101.6490, -12.0130, 2.9550**, and if you desaturate by 10%, it is **117.0430, -1.5590, 0.7210**.

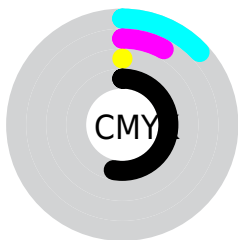
Distribution



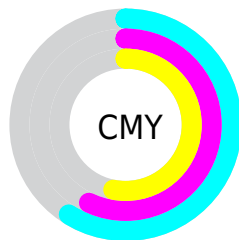
- Red (41%)
- Green (43%)
- Blue (47%)



- Red (41%)
- Yellow (42%)
- Blue (47%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.3460, -6.7860, 1.8380 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 109.3460, -6.7860, 1.8380 by changing the saturation by 10% instead.

■ 109.3460, -6.7860,
1.8380

■ 109.3460, -6.7860,
1.8380

■ 255.0000, -0.0000,
-0.0000

■ 85.2320, -6.4650,
1.5270

■ 161.0470, -7.3820,
1.6260

■ 62.2320, -6.4650,
1.5270

■ 188.1610, -7.7030,
1.9370

■ 40.1180, -6.1440,
1.2160

■ 215.5740, -7.4280,
2.4600

■ 19.1180, -6.1440,
1.2160

■ 244.0470, -7.3820,
1.6260

■ 0.0000, 0.0000,
0.0000

■ 109.3460, -6.7860,

■ 109.3460, -6.7860,

1.8380

1.8380

■ 101.6490,
-12.0130, 2.9550

■ 117.0430, -1.5590,
0.7210

■ 93.3650, -16.9650,
4.5950

■ 125.3270, 3.3930,
-0.9190

■ 85.6680, -22.1920,
5.7120

■ 133.0240, 8.6200,
-2.0360

■ 77.3840, -27.1440,
7.3520

■ 141.3080, 13.5720,
-3.6760

■ 69.6870, -32.3710,
8.4690

■ 149.0050, 18.7990,
-4.7930

■ 61.4030, -37.3230,
10.1090

■ 157.2890, 23.7510,
-6.4330

■ 53.7060, -42.5500,
11.2260

■ 164.9860, 28.9780,
-7.5500

■ 45.4220, -47.5020,
12.8660

■ 173.2700, 33.9300,
-9.1900

■ 40.0950, -50.8950,
13.7850

■ 180.9670, 39.1570,
-10.3070

Harmonies

Analogous

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



108.7970, -9.6740, -0.8900



109.3460, -6.7860, 1.8380



110.1510, -1.7430, 4.0570

Triad

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



109.3460, -6.7860, 1.8380



110.3710, 9.2610, 2.8690



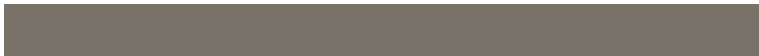
108.0980, -3.3920, -4.6080

Complementary

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



109.3460, -6.7860, 1.8380



114.6540, 6.7860, -1.8380

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.



108.8490, 1.7430, -4.0570



109.3460, -6.7860, 1.8380



109.9040, 9.0780, 0.6780

Square

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



109.3460, -6.7860, 1.8380



110.6420, 7.0600, 4.2120



109.3550, 6.1900, -2.0500



108.0590, -7.6560, -4.4240

Rectangle

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



109.3460, -6.7860, 1.8380



110.4180, 1.8790, 4.4950



109.3550, 6.1900, -2.0500



108.5820, -1.8790, -4.4950

Sweetspot

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



109.3460, -6.7860, 1.8380



151.5590, -3.0720, 0.6080



114.5320, -7.6100, -5.2580



76.6300, -1.8340, 0.1980



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.



109.3460, -6.7860, 1.8380



139.1330, -10.5000, 3.0680



106.4220, -3.9440, 5.4000



56.8580, -2.4760, 0.8200



41.8390, -53.0500, 14.2940



84.4930, -107.0170, 28.6870

Inverse Universe

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



109.4680, 7.6100, 5.2580



139.5010, 12.0110, 8.0990



117.5780, 3.9440, -5.4000



57.0220, 2.9340, 1.8940



42.7330, 59.4130, 41.1170



86.1780, 119.6970, 82.9690

Previews

White Background



This preview shows how the YIQ color 109.3460, -6.7860, 1.8380 looks on a white background.

Color Contrast Check

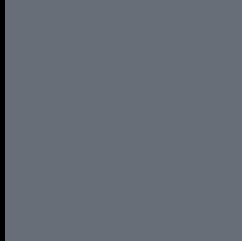
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.3460, -6.7860, 1.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

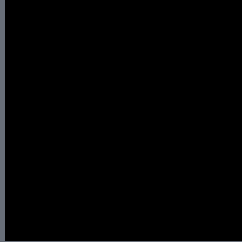
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

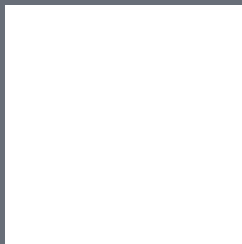
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 109.3460, -6.7860, 1.8380

Background



This preview shows how black text looks on a background with the YIQ color 109.3460, -6.7860, 1.8380.



This preview shows how white text looks on a background with the YIQ color 109.3460, -6.7860,

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

109.3460, -6.7860, 1.8380

Protanopia

110.1400, -3.2100, 3.1100

Deuteranopia

110.4010, 0.5490, 6.5730



Tritanopia

109.2320, -6.4650, 1.5270

Trichromacy



Original Color

109.3460, -6.7860, 1.8380

Protanomaly

109.5420, -4.4020, 2.6860

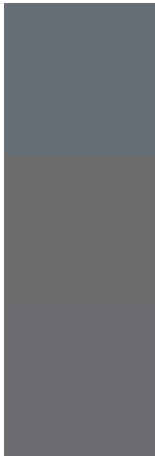
Deuteranomaly

109.7920, -2.1100, 5.2020

Tritanomaly

109.2320, -6.4650, 1.5270

Monochromacy



Original Color

109.3460, -6.7860, 1.8380

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.3460, -6.7860, 1.8380 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(104, 110, 120)` looks like.

```
.text, #text, p{  
    color:rgb(104, 110, 120)  
}
```

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(104, 110, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 110, 120) }
```

Border

The CSS property to change the border of an element to YIQ 109.3460, -6.7860, 1.8380 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(104, 110, 120) }
```


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

```
.border{ border-color:rgb(104, 110, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 110, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 110, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 110, 120);  
box-shadow:4px 4px 4px 4px rgb(104, 110,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 109.3460, -6.7860, 1.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 110, 120) }
```

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

```
.background{ background-color: rgb(104,  
110, 120) }
```

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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