

Converting Colors

YIQ(126.1070, 0.4160, -18.5600)

Have a look what the booklet for
YIQ(126.1070, 0.4160, -18.5600)
contains.

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Color

**YIQ(126.1070, 0.4160,
-18.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	738A5E
RGB	115, 138, 94
RGB Percent	45%, 54%, 37%
CMY	0.5491, 0.4588, 0.6313
CMYK	0.17, 0.00, 0.32, 0.46
HSL	91°, 19%, 45%
HSV	91°, 32%, 54%
XYZ	18.1781, 22.6314, 14.0020
YIQ	126.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

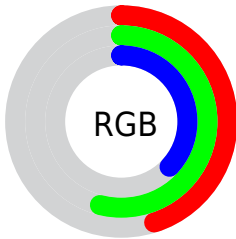
Format	Color
R_{YB}	94, 138, 117
Decimal	7572062
CIE _{Lab}	54.69, -16.63, 20.93
CIE _{LCh}	55, 26.730, 128.461
Yxy	22.6314, 0.3316, 0.4129
Android (android.graphics.Color)	4285762142 (0xFF738A5E)
YUV	126.1070, -15.8288, -9.7408
Hunter-Lab	47.5725, -15.0446, 15.8499

Details

The YIQ color $126.1070, 0.4160, -18.5600$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $105.8930, -0.4160, 18.5600$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $179.1670, 0.1870, -19.9170$, and $76.7480, 0.0490, -17.4150$ is the 20% darker color. If you saturate the color by 10%, you get $122.4180, 0.7380, -24.3980$, and if you desaturate by 10%, it is $129.7960, 0.0940, -12.7220$.

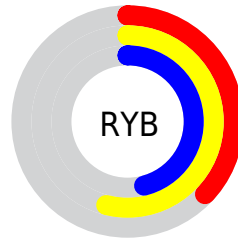
Distribution



Red (45%)

Green (54%)

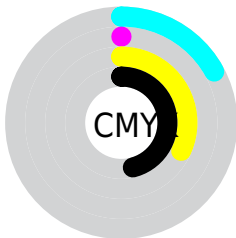
Blue (37%)



Red (37%)

Yellow (54%)

Blue (46%)

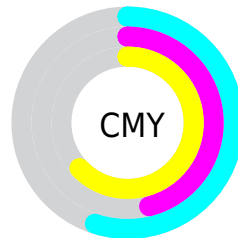


Cyan (17%)

Magenta (0%)

Yellow (32%)

Black (46%)



Cyan (55%)


Magenta (46%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.1070, 0.4160, -18.5600 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 126.1070, 0.4160, -18.5600 by changing the saturation by 10% instead.

 126.1070, 0.4160,
-18.5600


 126.1070, 0.4160,
-18.5600


255.0000, -0.0000,
-0.0000


 101.2210, 0.0950,
-18.2490


 179.1670, 0.1870,
-19.9170


 76.7480, 0.0490,
-17.4150


 206.3520, 1.1040,
-20.0160


 53.9760, -0.5930,
-16.7930

 234.9390, 0.8290,
-20.5390

 31.2320, 1.5620,
-17.3020

 250.9110, 7.2000,
-9.3440

 14.0880, -6.6000,
-12.5520

 0.0000, 0.0000,
0.0000

■ 126.1070, 0.4160,
-18.5600

■ 126.1070, 0.4160,
-18.5600

■ 122.4180, 0.7380,
-24.3980

■ 129.7960, 0.0940,
-12.7220

■ 118.7290, 1.0600,
-30.2360

■ 133.4850, -0.2280,
-6.8840

■ 114.8550, 0.4650,
-35.9750

■ 137.3590, 0.3670,
-1.1450

■ 111.1660, 0.7870,
-41.8130

■ 141.0480, 0.0450,
4.6930

■ 107.4770, 1.1090,
-47.6510

■ 144.7370, -0.2770,
10.5310

■ 103.7880, 1.4310,
-53.4890

■ 148.4260, -0.5990,
16.3690

■ 100.7400, 1.3860,
-58.1820

■ 152.4140, -0.3250,
22.4190

■ 155.9890, -0.3260,

27.9460

■ 159.6780, -0.6480,
33.7840

Harmonies

Analogous

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



129.0340, 19.8550, -12.9210



126.1070, 0.4160, -18.5600



122.5480, -22.8750, -20.4670

Triad

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



126.1070, 0.4160, -18.5600



123.1530, -48.7830, -2.4710



133.2050, 33.6960, 17.0880

Complementary

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



126.1070, 0.4160, -18.5600



105.8930, -0.4160, 18.5600

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.



134.5980, 19.5280, 20.5520



126.1070, 0.4160, -18.5600



129.8510, -26.9610, 9.5430

Square

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



126.1070, 0.4160, -18.5600



117.0280, -59.0970, -13.7930



133.6970, -2.8000, 17.7120



132.4470, 38.4660, 7.7300

Rectangle

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



126.1070, 0.4160, -18.5600



119.5770, -39.0140, -19.8300



133.6970, -2.8000, 17.7120



134.1060, 29.6610, 18.6290

Sweetspot

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



126.1070, 0.4160, -18.5600



173.9580, -0.1820, -7.7180



120.6570, 19.8990, -2.7010



86.3650, 0.2300, -4.1700



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.



126.1070, 0.4160, -18.5600



160.4840, 0.3720, -28.7800



119.9420, -12.4210, -22.7010



67.0060, -0.1370, -3.0250



96.9080, 0.9730, -56.2030



3.5330, -0.1830, -2.1910

Inverse Universe

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



105.8930, -0.4160, 18.5600



129.2170, -0.9680, 28.5680



112.0580, 12.4210, 22.7010



63.9940, 0.1370, 3.0250



35.7930, -1.5690, 55.9910



1.4670, 0.1830, 2.1910

Previews

White Background



This preview shows how the YIQ color 126.1070, 0.4160, -18.5600 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 126.1070, 0.4160, -18.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

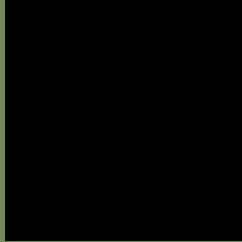
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.1070, 0.4160, -18.5600

Background



This preview shows how black text looks on a background with the YIQ color 126.1070, 0.4160, -18.5600.



This preview shows how white text looks on a background with the YIQ color 126.1070, 0.4160, -18.5600.

-18.5600.

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

126.1070, 0.4160, -18.5600

Protanopia

128.8430, 19.0750, -9.7970

Deuteranopia

130.4790, 26.2720, -2.5600



Tritanopia

130.1500, -9.1700, 0.9900

Trichromacy



Original Color

126.1070, 0.4160, -18.5600

Protanomaly

128.0270, 12.5650, -12.9630

Deuteranomaly

129.1140, 16.8740, -8.4540

Tritanomaly

128.4890, -6.0510, -5.9790

Monochromacy



Original Color

126.1070, 0.4160, -18.5600

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7840, 0.3680, -6.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.1070, 0.4160, -18.5600 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(115, 138, 94)` looks like.

```
.text, #text, p{  
    color:rgb(115, 138, 94)  
}
```

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(115, 138, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 138, 94) }
```

Border

The CSS property to change the border of an element to YIQ 126.1070, 0.4160, -18.5600 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(115, 138, 94) }
```


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

```
.border{ border-color:rgb(115, 138, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 138, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 138, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 138, 94);  
box-shadow:4px 4px 4px 4px rgb(115, 138,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 126.1070, 0.4160, -18.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 138, 94) }
```

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

```
.background{ background-color: rgb(115,  
138, 94) }
```

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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