

Converting Colors

YIQ(126.5430, 3.0250, 5.7530)

Have a look what the booklet for
YIQ(126.5430, 3.0250, 5.7530)
contains.

YIQ(126.5430, 3.0250, 5.7530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(126.5430, 3.0250,
5.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	857A85
RGB	133, 122, 133
RGB Percent	52%, 48%, 52%
CMY	0.4784, 0.5216, 0.4784
CMYK	0.00, 0.08, 0.00, 0.48
HSL	300°, 4%, 50%
HSV	300°, 8%, 52%
XYZ	20.8669, 20.5986, 25.0668
YIQ	126.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

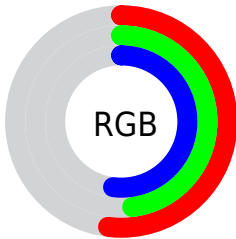
Format	Color
R_{YB}	133, 122, 133
Decimal	8747653
CIE Lab	52.51, 6.34, -4.46
CIE LCh	53, 7.753, 324.872
Yxy	20.5986, 0.3136, 0.3096
Android (android.graphics.Color)	4286937733 (0xFF857A85)
YUV	126.5430, 3.1833, 5.6628
Hunter-Lab	45.3857, 2.6434, -0.9761

Details

The YIQ color $126.5430, 3.0250, 5.7530$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $128.4570, -3.0250, -5.7530$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $178.9560, 3.3000, 6.2760$, and $77.2440, 2.4290, 5.5410$ is the 20% darker color. If you saturate the color by 10%, you get $118.9120, 6.6000, 12.5520$, and if you desaturate by 10%, it is $134.1740, -0.5500, -1.0460$.

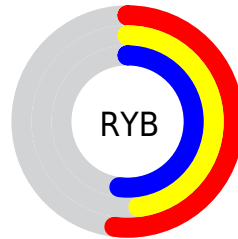
Distribution



Red (52%)

Green (48%)

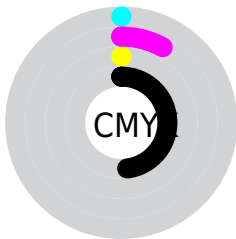
Blue (52%)



Red (52%)

Yellow (48%)

Blue (52%)

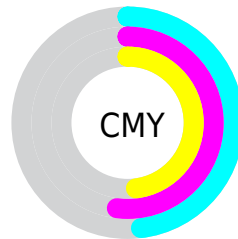


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (48%)



Cyan (48%)

Magenta (52%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.5430, 3.0250, 5.7530 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 126.5430, 3.0250, 5.7530 by changing the saturation by 10% instead.

■ 126.5430, 3.0250,
5.7530

■ 126.5430, 3.0250,
5.7530

255.0000, -0.0000,
-0.0000

■ 101.5430, 3.0250,
5.7530

■ 178.9560, 3.3000,
6.2760

■ 77.2440, 2.4290,
5.5410

■ 206.9560, 3.3000,
6.2760

■ 54.7170, 2.4750,
4.7070

■ 234.9560, 3.3000,
6.2760

■ 33.7170, 2.4750,
4.7070

■ 10.3690, 3.5750,
6.7990

■ 0.0000, 0.0000,
0.0000

■ 126.5430, 3.0250,
5.7530

■ 126.5430, 3.0250,
5.7530

■ 118.9120, 6.6000,
12.5520

■ 134.1740, -0.5500,
-1.0460

■ 110.6940, 10.4500,
19.8740

■ 142.3920, -4.4000,
-8.3680

■ 103.0630, 14.0250,
26.6730

■ 150.0230, -7.9750,
-15.1670

■ 95.4320, 17.6000,
33.4720

■ 157.6540,
-11.5500, -21.9660

■ 87.2140, 21.4500,
40.7940

■ 165.8720,
-15.4000, -29.2880

■ 79.5830, 25.0250,
47.5930

■ 173.5030,
-18.9750, -36.0870

■ 71.9520, 28.6000,
54.3920

■ 181.1340,
-22.5500, -42.8860

■ 64.3210, 32.1750,

■ 188.7650,

61.1910

-26.1250, -49.6850

■ 56.1030, 36.0250,
68.5130

■ 196.9830,
-29.9750, -57.0070

Harmonies

Analogous

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



125.7810, -3.5770, 4.2550



126.5430, 3.0250, 5.7530



126.7670, 8.2060, 5.4700

Triad

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



126.5430, 3.0250, 5.7530



125.0240, 8.6200, -2.0360



123.2480, -12.5620, -3.6180

Complementary

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



126.5430, 3.0250, 5.7530



128.4570, -3.0250, -5.7530

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.



123.0480, -9.1230, -5.3710



126.5430, 3.0250, 5.7530



124.8060, 3.3020, -4.7780

Square

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



126.5430, 3.0250, 5.7530



125.9860, 11.7830, 1.2150



123.4570, -3.0250, -5.7530



123.8290, -12.7000, -1.1160

Rectangle

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



126.5430, 3.0250, 5.7530



126.7950, 11.0030, 4.3390



123.4570, -3.0250, -5.7530



122.9060, -11.5990, -4.5510

Sweetspot

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



126.5430, 3.0250, 5.7530



171.2390, 0.8250, 1.5690



123.2540, -3.5310, 3.4210



85.8260, 0.5500, 1.0460



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.



126.5430, 3.0250, 5.7530



163.0210, 4.6750, 8.8910



125.9730, 4.6300, 4.1980



62.4780, 1.6500, 3.1380



53.6900, 35.7500, 67.9900



1.2390, 0.8250, 1.5690

Inverse Universe

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



126.5430, 3.0250, 5.7530



163.0210, 4.6750, 8.8910



129.1410, -4.9510, -3.8870



62.4780, 1.6500, 3.1380



53.6900, 35.7500, 67.9900



1.2390, 0.8250, 1.5690

Previews

White Background



This preview shows how the YIQ color 126.5430, 3.0250, 5.7530 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 126.5430, 3.0250, 5.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

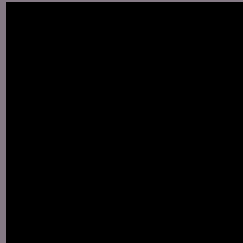
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.5430, 3.0250, 5.7530

Background



This preview shows how black text looks on a background with the YIQ color 126.5430, 3.0250, 5.7530.

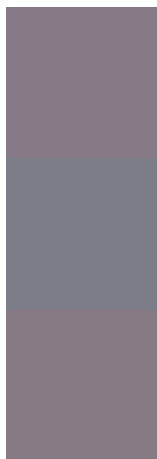


This preview shows how white text looks on a background with the YIQ color 126.5430, 3.0250,

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

126.5430, 3.0250, 5.7530

Protanopia

126.1400, -3.2100, 3.1100

Deuteranopia

126.8420, 3.6210, 5.9650



Tritanopia

126.4290, 3.3460, 5.4420

Trichromacy



Original Color

126.5430, 3.0250, 5.7530

Protanomaly

126.3360, -0.8260, 3.9580

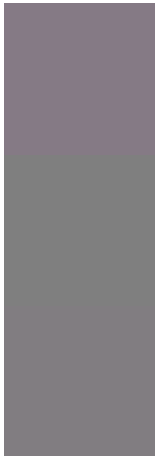
Deuteranomaly

126.8420, 3.6210, 5.9650

Tritanomaly

126.4290, 3.3460, 5.4420

Monochromacy



Original Color

126.5430, 3.0250, 5.7530

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.6520, 1.1000, 2.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.5430, 3.0250, 5.7530 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(133, 122, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 122, 133)  
}
```

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(133, 122, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 122, 133) }
```

Border

The CSS property to change the border of an element to YIQ 126.5430, 3.0250, 5.7530 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(133, 122, 133) }
```


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

```
.border{ border-color:rgb(133, 122, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 122, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 122, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 122, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 122,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 126.5430, 3.0250, 5.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 122, 133) }
```

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

```
.background{ background-color: rgb(133,  
122, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor