

Converting Colors

YIQ(105.4230, 3.4830, 8.4670)

Have a look what the booklet for
YIQ(105.4230, 3.4830, 8.4670)
contains.

YIQ(105.4230, 3.4830, 8.4670)	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(105.4230, 3.4830,
8.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	726374
RGB	114, 99, 116
RGB Percent	45%, 39%, 45%
CMY	0.5529, 0.6118, 0.5451
CMYK	0.02, 0.15, 0.00, 0.55
HSL	293°, 8%, 42%
HSV	293°, 15%, 45%
XYZ	14.5546, 13.7617, 18.4122
YIQ	105.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

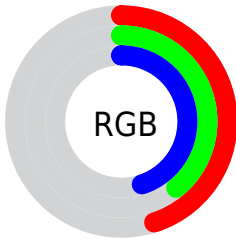
Format	Color
R_{YB}	114, 99, 116
Decimal	7496564
CIE _{Lab}	43.89, 9.36, -7.34
CIE _{LCh}	44, 11.893, 321.888
Yxy	13.7617, 0.3115, 0.2945
Android (android.graphics.Color)	4285686644 (0xFF726374)
YUV	105.4230, 5.2145, 7.5220
Hunter-Lab	37.0967, 5.1139, -3.4597

Details

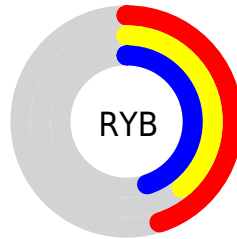
The YIQ color **105.4230, 3.4830, 8.4670** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.5770, -3.4830, -8.4670**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8360, 3.7580, 8.9900**, and **58.0100, 3.2080, 7.9440** is the 20% darker color. If you saturate the color by 10%, you get **98.0800, 6.1870, 14.5310**, and if you desaturate by 10%, it is **112.7660, 0.7790, 2.4030**.

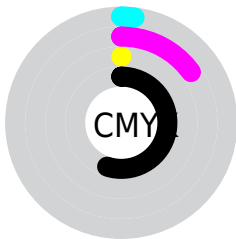
Distribution



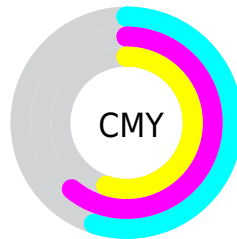
- Red (45%)
- Green (39%)
- Blue (45%)



- Red (45%)
- Yellow (39%)
- Blue (45%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 105.4230, 3.4830, 8.4670 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 105.4230, 3.4830, 8.4670 by changing the saturation by 10% instead.

■ 105.4230, 3.4830,
8.4670

■ 105.4230, 3.4830,
8.4670

255.0000, -0.0000,
-0.0000

■ 81.0100, 3.2080,
7.9440

■ 156.8360, 3.7580,
8.9900

■ 58.0100, 3.2080,
7.9440

■ 183.2490, 4.0330,
9.5130

■ 36.5970, 2.9330,
7.4210

■ 211.2490, 4.0330,
9.5130

■ 14.7220, 4.0790,
8.6790

■ 239.6620, 4.3080,
10.0360

■ 0.0000, 0.0000,
0.0000

■ 105.4230, 3.4830,

■ 105.4230, 3.4830,

8.4670

8.4670

■ 98.0800, 6.1870,
14.5310

■ 112.7660, 0.7790,
2.4030

■ 91.0250, 8.0200,
19.8600

■ 119.8210, -1.0540,
-2.9260

■ 83.6820, 10.7240,
25.9240

■ 127.1640, -3.7580,
-8.9900

■ 76.9260, 13.1530,
31.4650

■ 133.9200, -6.1870,
-14.5310

■ 69.2840, 15.2610,
37.3170

■ 141.5620, -8.2950,
-20.3830

■ 61.9410, 17.9650,
43.3810

■ 148.9050,
-10.9990, -26.4470

■ 55.1850, 20.3940,
48.9220

■ 155.9600,
-12.8320, -31.7760

■ 47.5430, 22.5020,
54.7740

■ 163.3030,
-15.5360, -37.8400

■ 43.7220, 23.5560,
57.7000

■ 170.0590,
-17.9650, -43.3810

Harmonies

Analogous

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



104.2800, -6.4200, 6.2200



105.4230, 3.4830, 8.4670



105.6150, 11.6900, 8.4100

Triad

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



105.4230, 3.4830, 8.4670



103.5360, 12.9300, -3.0540



99.9590, -19.1180, -5.9500

Complementary

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



105.4230, 3.4830, 8.4670



109.5770, -3.4830, -8.4670

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.



100.3140, -12.9280, -8.0000



105.4230, 3.4830, 8.4670



102.4210, 5.8240, -6.4320

Square

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



105.4230, 3.4830, 8.4670



104.7370, 16.9180, 1.7660



101.2780, -4.0790, -8.6790



100.8820, -20.2190, -2.5150

Rectangle

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



105.4230, 3.4830, 8.4670



105.4150, 15.1290, 6.6570



101.2780, -4.0790, -8.6790



100.3890, -17.5130, -7.5050

Sweetspot

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



105.4230, 3.4830, 8.4670



146.4780, 1.6500, 3.1380



102.1120, -6.0070, 4.2410



74.3530, 0.5040, 1.8800



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



105.4230, 3.4830, 8.4670



133.2540, 5.6370, 13.4850



105.3370, 6.6010, 7.0250



55.1790, 1.0540, 2.9260



46.2000, 25.2060, 60.8380



94.5790, 51.4660, 124.6020

Inverse Universe

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



104.3110, 9.4900, 4.2260



131.5290, 14.8080, 6.9680



109.6630, -6.6010, -7.0250



54.7940, 3.5760, 1.2720



38.0740, 68.2180, 30.2180



78.0560, 139.6910, 62.0190

Previews

White Background



This preview shows how the YIQ color 105.4230, 3.4830, 8.4670 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 105.4230, 3.4830, 8.4670 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 105.4230, 3.4830, 8.4670

Background



This preview shows how black text looks on a background with the YIQ color 105.4230, 3.4830, 8.4670.



This preview shows how white text looks on a background with the YIQ color 105.4230, 3.4830,

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

105.4230, 3.4830, 8.4670

Protanopia

104.2260, -6.3280, 4.5520

Deuteranopia

104.8030, -0.6430, 6.1490



Tritanopia

104.7990, 5.1800, 5.2440

Trichromacy



Original Color

105.4230, 3.4830, 8.4670

Protanomaly

105.0200, -2.7520, 5.8240

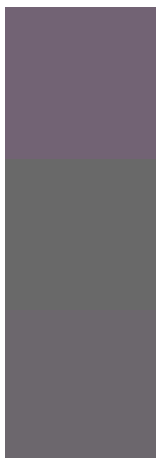
Deuteranomaly

104.8140, 0.8240, 7.0960

Tritanomaly

105.1410, 4.2170, 6.1770

Monochromacy



Original Color

105.4230, 3.4830, 8.4670

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1790, 1.0540, 2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 105.4230, 3.4830, 8.4670 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(114, 99, 116)` looks like.

```
.text, #text, p{  
    color:rgb(114, 99, 116)  
}
```

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(114, 99, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 99, 116) }
```

Border

The CSS property to change the border of an element to YIQ 105.4230, 3.4830, 8.4670 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(114, 99, 116) }
```


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

```
.border{ border-color:rgb(114, 99, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 99, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 99, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 99, 116);  
box-shadow:4px 4px 4px 4px rgb(114, 99,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 105.4230, 3.4830, 8.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 99, 116) }
```

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

```
.background{ background-color: rgb(114, 99,  
116) }
```

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