

Converting Colors

YIQ(94.3010, -10.9130, 5.0470)

Have a look what the booklet for
YIQ(94.3010, -10.9130, 5.0470)
contains.

YIQ(94.3010, -10.9130, 5.0470)	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(94.3010, -10.9130,
5.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	575E73
RGB	87, 94, 115
RGB Percent	34%, 37%, 45%
CMY	0.6588, 0.6314, 0.5491
CMYK	0.24, 0.18, 0.00, 0.55
HSL	225°, 14%, 40%
HSV	225°, 24%, 45%
XYZ	11.0270, 11.2696, 17.8091
YIQ	94.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

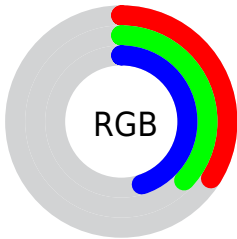
Format	Color
R_{YB}	87, 93, 115
Decimal	5725811
CIE Lab	40.03, 2.35, -12.77
CIE LCh	40, 12.986, 280.422
Yxy	11.2696, 0.2749, 0.2810
Android (android.graphics.Color)	4283915891 (0xFF575E73)
YUV	94.3010, 10.2046, -6.4030
Hunter-Lab	33.5702, -0.1149, -7.9544

Details

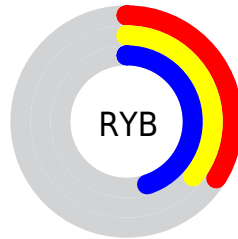
The YIQ color **94.3010, -10.9130, 5.0470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.6990, 10.9130, -5.0470**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5290, -11.5550, 5.6690**, and **48.0730, -10.2710, 4.4250** is the 20% darker color. If you saturate the color by 10%, you get **85.7290, -14.9940, 7.4220**, and if you desaturate by 10%, it is **102.8730, -6.8320, 2.6720**.

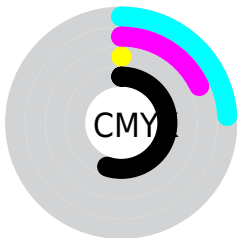
Distribution



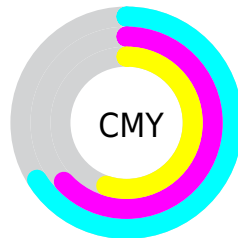
- Red (34%)
- Green (37%)
- Blue (45%)



- Red (34%)
- Yellow (36%)
- Blue (45%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (55%)



- Cyan (66%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.3010, -10.9130, 5.0470 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 94.3010, -10.9130, 5.0470 by changing the saturation by 10% instead.

■ 94.3010, -10.9130,
5.0470

■ 94.3010, -10.9130,
5.0470

■ 255.0000, -0.0000,
-0.0000

■ 70.1870, -10.5920,
4.7360

■ 144.5290,
-11.5550, 5.6690

■ 48.0730, -10.2710,
4.4250

■ 171.5290,
-11.5550, 5.6690

■ 26.6600, -10.5460,
3.9020

■ 198.6430,
-11.8760, 5.9800

■ 2.8500, -8.0250,
7.7750

■ 226.7570,
-12.1970, 6.2910

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,
-1.6960

■ 94.3010, -10.9130,
5.0470

■ 94.3010, -10.9130,
5.0470

■ 85.7290, -14.9940,
7.4220

■ 102.8730, -6.8320,
2.6720

■ 77.4450, -19.9460,
9.0620

■ 111.1570, -1.8800,
1.0320

■ 68.8730, -24.0270,
11.4370

■ 119.7290, 2.2010,
-1.3430

■ 60.5890, -28.9790,
13.0770

■ 128.0130, 7.1530,
-2.9830

■ 52.0170, -33.0600,
15.4520

■ 136.5850, 11.2340,
-5.3580

■ 43.1460, -37.7370,
17.6150

■ 145.4560, 15.9110,
-7.5210

■ 35.1610, -42.0930,
19.4670

■ 153.4410, 20.2670,
-9.3730

■ 30.1330, -44.8900,

■ 162.3120, 24.9440,

20.5980

-11.5360

■ 170.8840, 29.0250,
-13.9110

Harmonies

Analogous

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



92.0610, -19.1650, 0.4110



94.3010, -10.9130, 5.0470



95.5690, 0.1360, 8.5520

Triad

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



94.3010, -10.9130, 5.0470



95.2750, 18.3390, 3.5470



91.0430, -10.7270, -9.3430

Complementary

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



94.3010, -10.9130, 5.0470



107.6990, 10.9130, -5.0470

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.



92.4310, -0.1360, -8.5520



94.3010, -10.9130, 5.0470



94.5580, 15.8640, -1.1600

Square

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



94.3010, -10.9130, 5.0470



96.1270, 16.0000, 7.3920



93.8020, 9.1250, -5.6830



89.9050, -19.0260, -7.6180

Rectangle

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



94.3010, -10.9130, 5.0470



95.9180, 6.4630, 9.5270



93.8020, 9.1250, -5.6830



91.3100, -7.1050, -8.9050

Sweetspot

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



94.3010, -10.9130, 5.0470



142.9010, -4.0350, 1.5410



105.8300, -14.4410, -8.1130



71.9720, -2.7970, 1.1310



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.



94.3010, -10.9130, 5.0470



118.3590, -16.8280, 7.6200



92.2850, -4.8160, 10.1920



54.2710, -2.2010, 1.3430



32.1050, -47.6870, 21.7290



65.4810, -97.5750, 44.8010

Inverse Universe

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



96.1700, 14.4410, 8.1130



121.1110, 22.0970, 12.5370



109.7150, 4.8160, -10.1920



54.9080, 3.2550, 1.5830



40.0120, 62.7610, 35.5050



81.9320, 128.7770, 72.5930

Previews

White Background



This preview shows how the YIQ color 94.3010, -10.9130, 5.0470 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 94.3010, -10.9130, 5.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

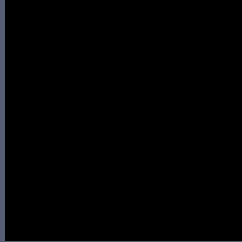
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

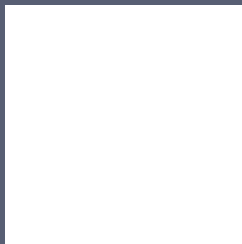
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 94.3010, -10.9130, 5.0470

Background



This preview shows how black text looks on a background with the YIQ color 94.3010, -10.9130, 5.0470.

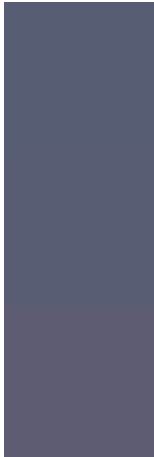


This preview shows how white text looks on a background with the YIQ color 94.3010, -10.9130,

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

94.3010, -10.9130, 5.0470

Protanopia

94.3120, -9.4460, 5.9940

Deuteranopia

94.9210, -6.7870, 7.3650



Tritanopia

93.6230, -9.1240, 0.1560

Trichromacy



Original Color

94.3010, -10.9130, 5.0470

Protanomaly

94.0130, -10.0420, 5.7820

Deuteranomaly

94.9100, -8.2540, 6.4180

Tritanomaly

93.7910, -9.5370, 2.1350

Monochromacy



Original Color

94.3010, -10.9130, 5.0470

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0150, -4.3560, 1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.3010, -10.9130, 5.0470 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(87, 94, 115)` looks like.

```
.text, #text, p{  
    color:rgb(87, 94, 115)  
}
```

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(87, 94, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 94, 115) }
```

Border

The CSS property to change the border of an element to YIQ 94.3010, -10.9130, 5.0470 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(87, 94, 115) }
```


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

```
.border{ border-color:rgb(87, 94, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 94, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 94, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 94, 115);  
box-shadow:4px 4px 4px 4px rgb(87, 94,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 94.3010, -10.9130, 5.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 94, 115) }
```

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

```
.background{ background-color: rgb(87, 94,  
115) }
```

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