

Converting Colors

YIQ(130.1930, 15.6340, 3.0100)

Have a look what the booklet for
YIQ(130.1930, 15.6340, 3.0100)
contains.

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Color

**YIQ(130.1930, 15.6340,
3.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	937C76
RGB	147, 124, 118
RGB Percent	58%, 49%, 46%
CMY	0.4235, 0.5137, 0.5372
CMYK	0.00, 0.16, 0.20, 0.42
HSL	12°, 12%, 52%
HSV	12°, 20%, 58%
XYZ	22.5124, 21.9255, 20.1904
YIQ	130.1930, 15.6340, 3.0100

Conversions

Conversions Part 2

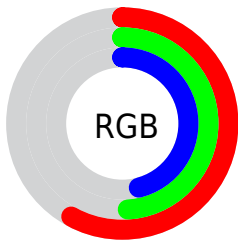
Format	Color
R_{YB}	147, 126, 118
Decimal	9665654
CIE Lab	53.95, 7.86, 6.55
CIE LCh	54, 10.233, 39.807
Yxy	21.9255, 0.3483, 0.3393
Android (android.graphics.Color)	4287855734 (0xFF937C76)
YUV	130.1930, -6.0111, 14.7397
Hunter-Lab	46.8247, 3.8761, 7.2120

Details

The YIQ color **130.1930, 15.6340, 3.0100** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **134.8070, -15.6340, -3.0100**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.3780, 16.5510, 2.9110**, and **80.7090, 14.1210, 2.8970** is the 20% darker color. If you saturate the color by 10%, you get **121.4390, 23.7490, 4.6210**, and if you desaturate by 10%, it is **138.9470, 7.5190, 1.3990**.

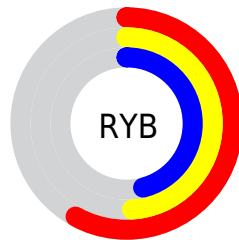
Distribution



Red (58%)

Green (49%)

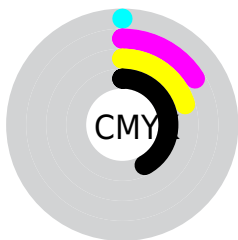
Blue (46%)



Red (58%)

Yellow (49%)

Blue (46%)

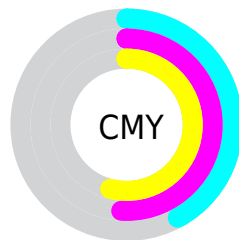


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (42%)



Cyan (42%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.1930, 15.6340, 3.0100 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 130.1930, 15.6340, 3.0100 by changing the saturation by 10% instead.


 130.1930, 15.6340,
3.0100


 130.1930, 15.6340,
3.0100


255.0000, -0.0000,
-0.0000


 104.8940, 15.0380,
2.7980


 183.3780, 16.5510,
2.9110

 80.7090, 14.1210,
2.8970


 210.9760, 17.7430,
3.3350


 57.9970, 13.2500,
2.1620

 238.0790, 15.9550,
2.6990

 35.9260, 12.0120,
2.5720

254.8860, 0.3210,
-0.3110

 13.6660, 15.6800,
2.1760

 0.0000, 0.0000,
0.0000

■ 130.1930, 15.6340,
3.0100

■ 130.1930, 15.6340,
3.0100

■ 121.4390, 23.7490,
4.6210

■ 138.9470, 7.5190,
1.3990

■ 113.3860, 31.2680,
6.0200

■ 147.0000, -0.0000,
0.0000

■ 104.6320, 39.3830,
7.6310

■ 155.7540, -8.1150,
-1.6110

■ 95.8780, 47.4980,
9.2420

■ 164.5080,
-16.2300, -3.2220

■ 87.8250, 55.0170,
10.6410

■ 172.6750,
-24.0700, -4.3100

■ 79.0710, 63.1320,
12.2520

■ 181.3150,
-31.8640, -6.2320

■ 70.3170, 71.2470,
13.8630

■ 190.0690,
-39.9790, -7.8430

■ 62.1500, 79.0870,

■ 198.2360,

14.9510

-47.8190, -8.9310

■ 61.5630, 79.3620,
15.4740

■ 206.8760,
-55.6130, -10.8530

Harmonies

Analogous

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



130.8170, 13.9370, 6.2330



130.1930, 15.6340, 3.0100



129.3020, 13.7090, -0.6510

Triad

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



130.1930, 15.6340, 3.0100



126.7660, -8.3890, -7.6610



129.1440, -9.0330, 4.0150

Complementary

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



130.1930, 15.6340, 3.0100



134.8070, -15.6340, -3.0100

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.



127.2140, -15.2220, 0.5380



130.1930, 15.6340, 3.0100



125.9980, -14.8540, -6.1340

Square

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



130.1930, 15.6340, 3.0100



127.3710, 0.0930, -7.1950



126.0240, -17.7430, -3.3350



130.3300, -0.6890, 6.9830

Rectangle

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



130.1930, 15.6340, 3.0100



128.4540, 10.2250, -3.5910



126.0240, -17.7430, -3.3350



128.5350, -11.6920, 2.6440

Sweetspot

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



130.1930, 15.6340, 3.0100



184.4630, 6.0060, 1.2860



129.2930, 9.9010, 13.3010



93.2670, 3.6220, 0.4380



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



130.1930, 15.6340, 3.0100



164.6240, 24.6660, 4.5220



138.4110, 11.7840, -4.3120



69.6800, 3.8970, 0.9610



57.6980, 74.5480, 14.6120



4.1640, 5.4100, 1.0740

Inverse Universe

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



134.8070, -15.6340, -3.0100



171.9630, -24.9410, -5.0450



126.5890, -11.7840, 4.3120



70.7330, -3.6220, -0.4380



79.7150, -74.2730, -14.0890



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 130.1930, 15.6340, 3.0100 looks on a white background.

Color Contrast Check

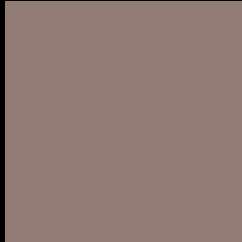
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1930, 15.6340, 3.0100 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 130.1930, 15.6340, 3.0100

Background



This preview shows how black text looks on a background with the YIQ color 130.1930, 15.6340, 3.0100.



This preview shows how white text looks on a background with the YIQ color 130.1930, 15.6340,

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

130.1930, 15.6340, 3.0100

Protanopia

129.1700, 5.2730, -1.9510

Deuteranopia

130.4810, 14.7630, 2.2750



Tritanopia

131.0990, 13.2030, 8.5230

Trichromacy



Original Color

130.1930, 15.6340, 3.0100

Protanomaly

129.3770, 9.1240, -0.1560

Deuteranomaly

130.4810, 14.7630, 2.2750

Tritanomaly

130.8170, 13.9370, 6.2330

Monochromacy



Original Color

130.1930, 15.6340, 3.0100

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.1640, 5.4100, 1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1930, 15.6340, 3.0100 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(147, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(147, 124, 118)  
}
```

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(147, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 124, 118) }
```

Border

The CSS property to change the border of an element to YIQ 130.1930, 15.6340, 3.0100 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(147, 124, 118) }
```


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

```
.border{ border-color:rgb(147, 124, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(147, 124,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1930, 15.6340, 3.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 124, 118) }
```

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

```
.background{ background-color: rgb(147,  
124, 118) }
```

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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