

Converting Colors

YIQ(119.1640, 31.7730, 2.3730)

Have a look what the booklet for
YIQ(119.1640, 31.7730, 2.3730)
contains.

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Color

**YIQ(119.1640, 31.7730,
2.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	976D58
RGB	151, 109, 88
RGB Percent	59%, 43%, 35%
CMY	0.4078, 0.5726, 0.6548
CMYK	0.00, 0.28, 0.42, 0.41
HSL	20°, 26%, 47%
HSV	20°, 42%, 59%
XYZ	19.9963, 18.2201, 11.7033
YIQ	119.1640, 31.7730, 2.3730

Conversions

Conversions Part 2

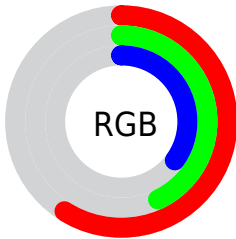
Format	Color
R_{YB}	151, 120, 88
Decimal	9923928
CIE Lab	49.76, 13.92, 18.29
CIE LCh	50, 22.985, 52.727
Yxy	18.2201, 0.4006, 0.3650
Android (android.graphics.Color)	4288114008 (0xFF976D58)
YUV	119.1640, -15.3639, 27.9202
Hunter-Lab	42.6850, 8.9217, 13.6235

Details

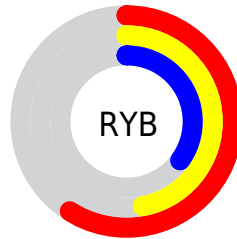
The YIQ color **119.1640, 31.7730, 2.3730** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119.8360, -31.7730, -2.3730**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1320, 34.7990, 2.5990**, and **69.8970, 28.1510, 1.9350** is the 20% darker color. If you saturate the color by 10%, you get **111.5840, 39.3380, 2.9380**, and if you desaturate by 10%, it is **126.7440, 24.2080, 1.8080**.

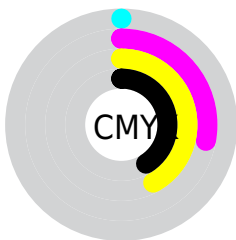
Distribution



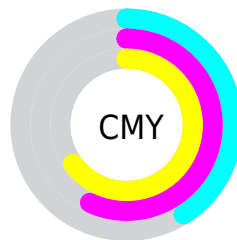
- Red (59%)
- Green (43%)
- Blue (35%)



- Red (59%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (42%)
- Black (41%)



- Cyan (41%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.1640, 31.7730, 2.3730 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 119.1640, 31.7730, 2.3730 by changing the saturation by 10% instead.

■ 119.1640, 31.7730,
2.3730

■ 119.1640, 31.7730,
2.3730

■ 255.0000, -0.0000,
-0.0000

■ 94.3810, 29.6640,
2.0480

■ 172.1320, 34.7990,
2.5990

■ 69.8970, 28.1510,
1.9350

■ 199.3170, 35.7160,
2.5000

■ 47.2280, 25.7210,
1.9210

■ 224.3380, 31.2230,
1.3270

■ 25.2170, 24.2540,
0.9740

■ 244.4390, 14.5810,
-5.4430

■ 7.8880, 15.1750,
5.8230

■ 254.2020, 2.2470,
-2.1770

■ 0.0000, 0.0000,
0.0000

■ 119.1640, 31.7730,
2.3730

■ 119.1640, 31.7730,
2.3730

■ 111.5840, 39.3380,
2.9380

■ 126.7440, 24.2080,
1.8080

■ 104.0040, 46.9030,
3.5030

■ 134.3240, 16.6430,
1.2430

■ 96.4240, 54.4680,
4.0680

■ 141.9040, 9.0780,
0.6780

■ 88.8440, 62.0330,
4.6330

■ 149.4840, 1.5130,
0.1130

■ 81.2640, 69.5980,
5.1980

■ 157.1780, -6.3730,
-0.1410

■ 74.4990, 76.2460,
5.8620

■ 164.7580,
-13.9380, -0.7060

■ 172.9250,
-21.7780, -1.7940

■ 180.5050,

-29.3430, -2.3590

■ 188.0850,
-36.9080, -2.9240

Harmonies

Analogous

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



120.4340, 31.3130, 10.7130



119.1640, 31.7730, 2.3730



117.2890, 23.7510, -6.4330

Triad

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



119.1640, 31.7730, 2.3730



110.1330, -28.8360, -17.0600



119.4460, -12.5190, 12.1290

Complementary

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



119.1640, 31.7730, 2.3730



119.8360, -31.7730, -2.3730

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.



115.2260, -32.6910, 3.2530



119.1640, 31.7730, 2.3730



107.9280, -44.1960, -14.0200

Square

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



119.1640, 31.7730, 2.3730



112.7840, -8.8000, -16.7360



109.4860, -45.5270, -6.4150



121.1450, 7.5620, 17.1460

Rectangle

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



119.1640, 31.7730, 2.3730



116.6360, 15.2240, -11.5920



109.4860, -45.5270, -6.4150



117.8580, -19.6710, 9.5850

Sweetspot

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



119.1640, 31.7730, 2.3730



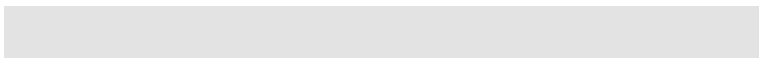
183.1710, 12.7000, 1.1160



111.7390, 23.7450, 26.7290



91.4200, 7.5650, 0.5650



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



119.1640, 31.7730, 2.3730



146.6730, 49.3330, 3.5170



136.7740, 23.5230, -13.3170



72.5660, 4.2180, 0.6500



69.4490, 70.5150, 5.0990



6.2350, 6.6480, 0.6640

Inverse Universe

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



119.8360, -31.7730, -2.3730



147.9140, -49.6080, -4.0400



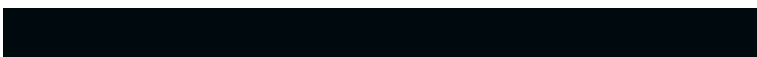
102.2260, -23.5230, 13.3170



72.8470, -3.9430, -0.1270



71.1380, -70.7900, -5.6220



6.7650, -6.6480, -0.6640

Previews

White Background



This preview shows how the YIQ color 119.1640, 31.7730, 2.3730 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 119.1640, 31.7730, 2.3730 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 119.1640, 31.7730, 2.3730

Background



This preview shows how black text looks on a background with the YIQ color 119.1640, 31.7730, 2.3730.



This preview shows how white text looks on a background with the YIQ color 119.1640, 31.7730,

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

119.1640, 31.7730, 2.3730

Protanopia

117.4280, 13.1140, -6.3900

Deuteranopia

118.6960, 24.1630, -2.8850



Tritanopia

120.2640, 26.0400, 12.6640

Trichromacy



Original Color

119.1640, 31.7730, 2.3730

Protanomaly

118.2440, 19.6240, -3.2240

Deuteranomaly

118.7180, 27.0970, -0.9910

Tritanomaly

119.5260, 28.0580, 9.1300

Monochromacy



Original Color

119.1640, 31.7730, 2.3730

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9860, 11.7830, 1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.1640, 31.7730, 2.3730 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(151, 109, 88)` looks like.

```
.text, #text, p{  
    color:rgb(151, 109, 88)  
}
```

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(151, 109, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 109, 88) }
```

Border

The CSS property to change the border of an element to YIQ 119.1640, 31.7730, 2.3730 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(151, 109, 88) }
```


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

```
.border{ border-color:rgb(151, 109, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 109, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 109, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 109, 88);  
box-shadow:4px 4px 4px 4px rgb(151, 109,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 119.1640, 31.7730, 2.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 109, 88) }
```

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

```
.background{ background-color: rgb(151,  
109, 88) }
```

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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