

Converting Colors

YIQ(100.1840, 19.8530, -1.8670)

Have a look what the booklet for
YIQ(100.1840, 19.8530, -1.8670)
contains.

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Color

**YIQ(100.1840, 19.8530,
-1.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	76604B
RGB	118, 96, 75
RGB Percent	46%, 38%, 29%
CMY	0.5372, 0.6236, 0.7058
CMYK	0.00, 0.19, 0.36, 0.54
HSL	29°, 22%, 38%
HSV	29°, 36%, 46%
XYZ	12.9254, 12.7246, 8.4358
YIQ	100.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

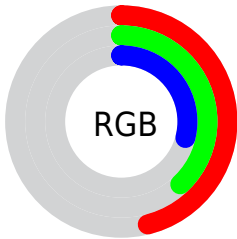
Format	Color
R_{YB}	118, 116, 75
Decimal	7757899
CIE _{Lab}	42.35, 5.63, 15.33
CIE _{LCh}	42, 16.336, 69.829
Yxy	12.7246, 0.3792, 0.3733
Android (android.graphics.Color)	4285947979 (0xFF76604B)
YUV	100.1840, -12.4157, 15.6246
Hunter-Lab	35.6716, 2.2533, 10.9489

Details

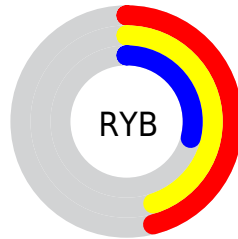
The YIQ color **100.1840, 19.8530, -1.8670** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.8160, -19.8530, 1.8670**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.9670, 21.9620, -1.5420**, and **53.2160, 16.8270, -2.0930** is the 20% darker color. If you saturate the color by 10%, you get **95.2940, 25.3550, -2.4610**, and if you desaturate by 10%, it is **105.0740, 14.3510, -1.2730**.

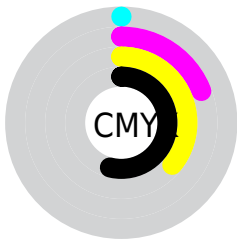
Distribution



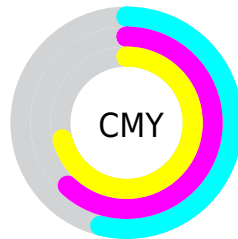
- Red (46%)
- Green (38%)
- Blue (29%)



- Red (46%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.1840, 19.8530, -1.8670 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 100.1840, 19.8530, -1.8670 by changing the saturation by 10% instead.

■ 100.1840, 19.8530,
-1.8670

■ 100.1840, 19.8530,
-1.8670

■ 255.0000, -0.0000,
-0.0000

■ 75.9990, 18.9360,
-1.7680

■ 150.9670, 21.9620,
-1.5420

■ 53.2160, 16.8270,
-2.0930

■ 178.1520, 22.8790,
-1.6410

■ 31.6890, 16.8730,
-2.9270

■ 205.4510, 23.4750,
-1.4290

■ 9.2250, 12.6080,
2.7840

■ 233.3370, 23.7960,
-1.7400

■ 0.0000, 0.0000,
0.0000

■ 252.3780, 7.3830,
-7.1530

■ 100.1840, 19.8530,
-1.8670

■ 100.1840, 19.8530,
-1.8670

■ 95.2940, 25.3550,
-2.4610

■ 105.0740, 14.3510,
-1.2730

■ 90.4040, 30.8570,
-3.0550

■ 109.9640, 8.8490,
-0.6790

■ 85.6280, 36.0380,
-3.3380

■ 114.7400, 3.6680,
-0.3960

■ 80.7380, 41.5400,
-3.9320

■ 119.6300, -1.8340,
0.1980

■ 75.8480, 47.0420,
-4.5260

■ 124.5200, -7.3360,
0.7920

■ 70.9580, 52.5440,
-5.1200

■ 129.4100,
-12.8380, 1.3860

■ 69.3280, 54.3780,
-5.3180

■ 134.3000,
-18.3400, 1.9800

■ 139.0760,

-23.5210, 2.2630

■ 143.9660,
-29.0230, 2.8570

Harmonies

Analogous

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



101.1400, 23.1530, 4.4090



100.1840, 19.8530, -1.8670



98.4170, 11.6470, -7.3370

Triad

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



100.1840, 19.8530, -1.8670



94.3880, -24.9400, -10.5720



101.8510, -0.5980, 10.8420

Complementary

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



100.1840, 19.8530, -1.8670



92.8160, -19.8530, 1.8670

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.



99.9740, -14.3060, 5.9660



100.1840, 19.8530, -1.8670



94.6850, -30.0300, -6.4300

Square

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



100.1840, 19.8530, -1.8670



95.4940, -13.6150, -12.0710



96.8260, -25.8130, -0.2530



102.1360, 11.7810, 12.2690

Rectangle

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



100.1840, 19.8530, -1.8670



97.8290, 4.4950, -9.8810



96.8260, -25.8130, -0.2530



101.4590, -5.3660, 9.1460

Sweetspot

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



100.1840, 19.8530, -1.8670



145.7790, 7.9320, -0.5800



90.3650, 18.5660, 15.9580



72.3380, 4.8600, 0.0280



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.



100.1840, 19.8530, -1.8670



125.4040, 30.8570, -3.0550



112.5110, 14.0780, -12.8500



56.5550, 2.7510, -0.2970



71.6980, 56.2120, -5.5160



146.3640, 115.4500, -10.8060

Inverse Universe

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



92.8160, -19.8530, 1.8670



113.5960, -30.8570, 3.0550



80.4890, -14.0780, 12.8500



55.4450, -2.7510, 0.2970



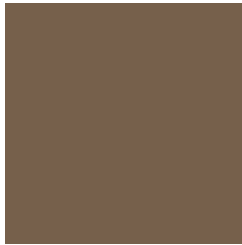
50.8890, -56.4870, 4.9930



103.6360, -115.4500, 10.8060

Previews

White Background



This preview shows how the YIQ color 100.1840, 19.8530, -1.8670 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 100.1840, 19.8530, -1.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

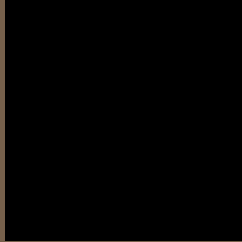
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.1840, 19.8530, -1.8670

Background



This preview shows how black text looks on a background with the YIQ color 100.1840, 19.8530, -1.8670.



This preview shows how white text looks on a background with the YIQ color 100.1840, 19.8530,

-1.8670.

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

100.1840, 19.8530, -1.8670

Protanopia

99.4710, 11.5550, -5.6690

Deuteranopia

100.1840, 19.8530, -1.8670



Tritanopia

102.1700, 14.4410, 8.1130

Trichromacy



Original Color

100.1840, 19.8530, -1.8670

Protanomaly

99.9660, 14.5350, -4.6090

Deuteranomaly

100.1840, 19.8530, -1.8670

Tritanomaly

101.4320, 16.4590, 4.5790

Monochromacy



Original Color

100.1840, 19.8530, -1.8670

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.4800, 7.3360, -0.7920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.1840, 19.8530, -1.8670 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(118, 96, 75)` looks like.

```
.text, #text, p{  
    color:rgb(118, 96, 75)  
}
```

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(118, 96, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 96, 75) }
```

Border

The CSS property to change the border of an element to YIQ 100.1840, 19.8530, -1.8670 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(118, 96, 75) }
```


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

```
.border{ border-color:rgb(118, 96, 75) }
```

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

Here you see how a box with a 4 pixel rgb(118, 96, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 96, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 96, 75);  
box-shadow:4px 4px 4px 4px rgb(118, 96,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 100.1840, 19.8530, -1.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 96, 75) }
```

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

```
.background{ background-color: rgb(118, 96,  
75) }
```

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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