

Converting Colors

YIQ(124.3460, 19.5770, 3.1370)

Have a look what the booklet for
YIQ(124.3460, 19.5770, 3.1370)
contains.

YIQ(124.3460, 19.5770, 3.1370)	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(124.3460, 19.5770,
3.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	91756C
RGB	145, 117, 108
RGB Percent	57%, 46%, 42%
CMY	0.4313, 0.5412, 0.5764
CMYK	0.00, 0.19, 0.26, 0.43
HSL	15°, 15%, 50%
HSV	15°, 26%, 57%
XYZ	20.7476, 19.8242, 16.9263
YIQ	124.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

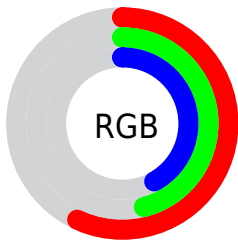
Format	Color
R_{YB}	145, 120, 108
Decimal	9532780
CIE _{Lab}	51.64, 9.51, 9.08
CIE _{LCh}	52, 13.150, 43.660
Yxy	19.8242, 0.3608, 0.3448
Android (android.graphics.Color)	4287722860 (0xFF91756C)
YUV	124.3460, -8.0586, 18.1136
Hunter-Lab	44.5243, 5.2606, 8.6274

Details

The YIQ color **124.3460, 19.5770, 3.1370** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **128.6540, -19.5770, -3.1370**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.8300, 21.0900, 3.2500**, and **75.5630, 17.4680, 2.8120** is the 20% darker color. If you saturate the color by 10%, you get **116.2930, 27.0960, 4.5360**, and if you desaturate by 10%, it is **132.5130, 11.7370, 2.0490**.

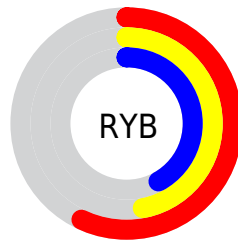
Distribution



Red (57%)

Green (46%)

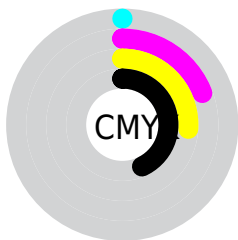
Blue (42%)



Red (57%)

Yellow (47%)

Blue (42%)

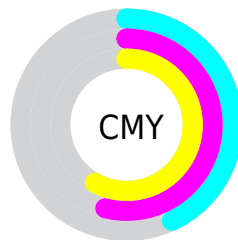


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (43%)



Cyan (43%)


Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.3460, 19.5770, 3.1370 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 124.3460, 19.5770, 3.1370 by changing the saturation by 10% instead.


 124.3460, 19.5770,
3.1370


 124.3460, 19.5770,
3.1370


255.0000, -0.0000,
-0.0000


 99.1610, 18.6600,
3.2360


 176.8300, 21.0900,
3.2500

 75.5630, 17.4680,
2.8120


 204.4280, 22.2820,
3.6740

 52.3780, 16.5510,
2.9110

 232.1290, 21.6860,
3.4620

 30.4810, 14.7630,
2.2750

 252.3440, 4.7230,
-2.9970

 7.7740, 15.4960,
5.5120

 0.0000, 0.0000,
0.0000

■ 124.3460, 19.5770,
3.1370

■ 124.3460, 19.5770,
3.1370

■ 116.2930, 27.0960,
4.5360

■ 132.5130, 11.7370,
2.0490

■ 108.1260, 34.9360,
5.6240

■ 140.5660, 4.2180,
0.6500

■ 100.0730, 42.4550,
7.0230

■ 148.7330, -3.6220,
-0.4380

■ 91.9060, 50.2950,
8.1110

■ 156.7860,
-11.1410, -1.8370

■ 83.8530, 57.8140,
9.5100

■ 164.9530,
-18.9810, -2.9250

■ 75.6860, 65.6540,
10.5980

■ 173.0060,
-26.5000, -4.3240

■ 67.6330, 73.1730,
11.9970

■ 181.1730,
-34.3400, -5.4120

■ 63.9000, 76.7950,

■ 189.2260,

12.4350

-41.8590, -6.8110

■ 197.3930,
-49.6990, -7.8990

Harmonies

Analogous

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



124.9100, 18.1090, 7.7170



124.3460, 19.5770, 3.1370



123.3300, 16.5060, -1.7820

Triad

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



124.3460, 19.5770, 3.1370



119.4450, -11.9190, -9.7670



123.1270, -10.3630, 6.0930

Complementary

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



124.3460, 19.5770, 3.1370



128.6540, -19.5770, -3.1370

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.



121.1750, -19.4860, 0.7220



124.3460, 19.5770, 3.1370



119.0080, -20.8140, -8.2540

Square

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



124.3460, 19.5770, 3.1370



120.8330, -1.3280, -8.9760



119.8600, -23.1530, -4.4090



124.8680, 0.7320, 8.7640

Rectangle

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



124.3460, 19.5770, 3.1370



122.8840, 11.8300, -5.1460



119.8600, -23.1530, -4.4090



122.8060, -13.8930, 3.9870

Sweetspot

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



124.3460, 19.5770, 3.1370



180.2460, 8.1150, 1.6110



122.2550, 13.0640, 16.5520



88.8650, 4.8140, 0.8620



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



124.3460, 19.5770, 3.1370



155.8590, 31.3140, 5.1860



134.9120, 14.6270, -6.2770



67.2670, 3.6220, 0.4380



59.7360, 71.3850, 11.3610



3.5660, 4.2180, 0.6500

Inverse Universe

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



128.6540, -19.5770, -3.1370



163.1410, -31.3140, -5.1860



118.0880, -14.6270, 6.2770



68.3200, -3.8970, -0.9610



75.2640, -71.3850, -11.3610



4.4340, -4.2180, -0.6500

Previews

White Background



This preview shows how the YIQ color 124.3460, 19.5770, 3.1370 looks on a white background.

Color Contrast Check

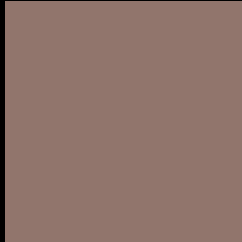
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.3460, 19.5770, 3.1370 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 124.3460, 19.5770, 3.1370

Background



This preview shows how black text looks on a background with the YIQ color 124.3460, 19.5770, 3.1370.

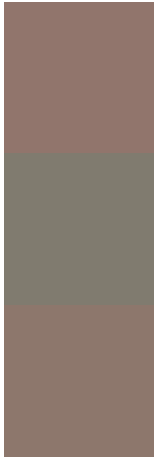


This preview shows how white text looks on a background with the YIQ color 124.3460, 19.5770,

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

124.3460, 19.5770, 3.1370

Protanopia

123.1270, 6.8320, -2.6720

Deuteranopia

124.3240, 16.6430, 1.2430



Tritanopia

125.5940, 16.1830, 9.5830

Trichromacy



Original Color

124.3460, 19.5770, 3.1370

Protanomaly

123.6330, 11.2790, -0.6650

Deuteranomaly

124.0360, 17.5140, 1.9780

Tritanomaly

125.1980, 17.2380, 6.9820

Monochromacy



Original Color

124.3460, 19.5770, 3.1370

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9470, 7.5190, 1.3990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.3460, 19.5770, 3.1370 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(145, 117, 108)` looks like.

```
.text, #text, p{  
    color:rgb(145, 117, 108)  
}
```

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(145, 117, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 117, 108) }
```

Border

The CSS property to change the border of an element to YIQ 124.3460, 19.5770, 3.1370 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(145, 117, 108) }
```


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

```
.border{ border-color:rgb(145, 117, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 117, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 117, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 117, 108);  
box-shadow:4px 4px 4px 4px rgb(145, 117,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 124.3460, 19.5770, 3.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 117, 108) }
```

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

```
.background{ background-color: rgb(145,  
117, 108) }
```

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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