

Converting Colors

YIQ(128.5080, 70.8860,
-18.1540)

Have a look what the booklet for
YIQ(128.5080, 70.8860, -18.1540)
contains.

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Color

**YIQ(128.5080, 70.8860,
-18.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	B97913
RGB	185, 121, 19
RGB Percent	73%, 47%, 7%
CMY	0.2744, 0.5256, 0.9251
CMYK	0.00, 0.35, 0.90, 0.27
HSL	37°, 81%, 40%
HSV	37°, 90%, 73%
XYZ	26.9654, 24.0326, 3.8377
YIQ	128.5080, 70.8860, -18.1540

Conversions

Conversions Part 2

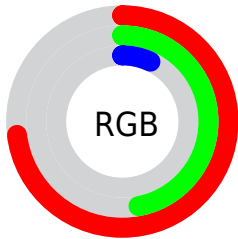
Format	Color
R _Y B	123, 185, 19
Decimal	12155155
CIE Lab	56.12, 17.68, 58.77
CIE LCh	56, 61.373, 73.257
Yxy	24.0326, 0.4917, 0.4383
Android (android.graphics.Color)	4290345235 (0xFFB97913)
YUV	128.5080, -53.9874, 49.5435
Hunter-Lab	49.0230, 12.3948, 29.6746

Details

The YIQ color **128.5080, 70.8860, -18.1540** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **75.4920, -70.8860, 18.1540**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7690, 74.6450, -14.6910**, and **79.9380, 55.2960, -10.9440** is the 20% darker color. If you saturate the color by 10%, you get **122.3470, 78.5890, -20.0910**, and if you desaturate by 10%, it is **134.7830, 62.8620, -15.9060**.

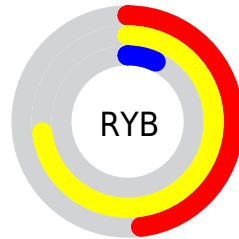
Distribution



Red (73%)

Green (47%)

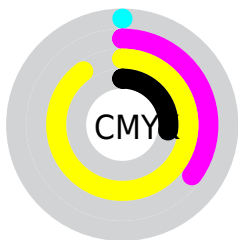
Blue (7%)



Red (48%)

Yellow (73%)

Blue (7%)

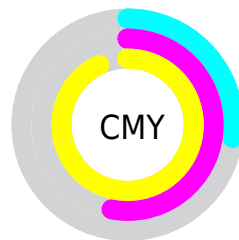


Cyan (0%)

Magenta (35%)

Yellow (90%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 128.5080, 70.8860, -18.1540 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 128.5080, 70.8860, -18.1540 by changing the saturation by 10% instead.


 128.5080, 70.8860,
-18.1540


 128.5080, 70.8860,
-18.1540


255.0000, -0.0000,
-0.0000


 102.6970, 65.9800,
-17.3480


 183.7690, 74.6450,
-14.6910


 79.9380, 55.2960,
-10.9440


 205.8600, 63.9630,
-19.3410


 58.6520, 44.6580,
-5.3740


 225.3740, 47.5960,
-25.5880

 37.3660, 34.0200,
0.1960

 243.7140, 31.7790,
-30.7890

 17.2650, 24.2990,
5.6670

 246.9060, 22.7910,
-22.0810

 0.5980, 1.1920,
0.4240

 250.0980, 13.8030,

 0.0000, 0.0000,

-13.3730

0.0000

253.4040, 4.4940,
-4.3540

128.5080, 70.8860,
-18.1540

128.5080, 70.8860,
-18.1540

122.3470, 78.5890,
-20.0910

134.7830, 62.8620,
-15.9060

122.2330, 78.9100,
-20.4020

140.9440, 55.1590,
-13.9690

147.2190, 47.1350,
-11.7210

153.9670, 39.1570,
-10.3070

160.2420, 31.1330,
-8.0590

■ 166.4030, 23.4300,
-6.1220

■ 172.6780, 15.4060,
-3.8740

■ 178.8390, 7.7030,
-1.9370

■ 185.1140, -0.3210,
0.3110

Harmonies

Analogous

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



129.8900, 82.7550, 14.5550



128.5080, 70.8860, -18.1540



123.4960, 43.6560, -42.2960

Triad

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



128.5080, 70.8860, -18.1540



111.2310, -94.1220, -34.3300



138.1980, 1.1840, 44.6400

Complementary

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



128.5080, 70.8860, -18.1540



75.4920, -70.8860, 18.1540

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.



124.7520, -74.5540, 18.5500



128.5080, 70.8860, -18.1540



115.7570, -109.6220, -17.7340

Square

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



128.5080, 70.8860, -18.1540



104.3740, -76.1920, -50.9120



114.4810, -117.0520, -4.2200



134.3920, 50.6080, 52.0160

Rectangle

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



128.5080, 70.8860, -18.1540



120.9510, 8.5820, -45.4180



114.4810, -117.0520, -4.2200



137.2600, -19.7220, 38.0540

Sweetspot

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



128.5080, 70.8860, -18.1540



217.9150, 27.7400, -7.1400



76.1580, 77.7500, 55.7180



106.7490, 16.6440, -4.2840



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



128.5080, 70.8860, -18.1540



158.0490, 102.6150, -26.0010



160.9930, 43.1540, -55.2300



88.6260, 3.9890, -0.7070



102.9960, 66.5760, -17.1360



18.3510, 12.0130, -2.9550

Inverse Universe

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



75.4920, -70.8860, 18.1540



81.9510, -102.6150, 26.0010



43.0070, -43.1540, 55.2300



85.7870, -3.7140, 1.2300



53.0040, -66.5760, 17.1360



9.6490, -12.0130, 2.9550

Previews

White Background



This preview shows how the YIQ color 128.5080, 70.8860, -18.1540 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 128.5080, 70.8860, -18.1540 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 128.5080, 70.8860, -18.1540

Background



This preview shows how black text looks on a background with the YIQ color 128.5080, 70.8860, -18.1540.



This preview shows how white text looks on a background with the YIQ color 128.5080, 70.8860, -18.1540.

-18.1540.

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

128.5080, 70.8860, -18.1540

Protanopia

127.3150, 46.0840, -31.2280

Deuteranopia

127.5190, 63.1850, -27.2710



Tritanopia

136.9350, 43.3240, 18.8120

Trichromacy



Original Color

128.5080, 70.8860, -18.1540

Protanomaly

127.8540, 54.9320, -26.3800

Deuteranomaly

127.5950, 66.0270, -23.7090

Tritanomaly

133.8800, 53.1840, 5.3120

Monochromacy



Original Color

128.5080, 70.8860, -18.1540

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.6590, 25.5850, -6.6310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5080, 70.8860, -18.1540 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(185, 121, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 19)  
}
```

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(185, 121, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 19) }
```

Border

The CSS property to change the border of an element to YIQ 128.5080, 70.8860, -18.1540 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(185, 121, 19) }
```


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

```
.border{ border-color:rgb(185, 121, 19) }
```

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

Here you see how a box with a 4 pixel rgb(185, 121, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5080, 70.8860, -18.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 19) }
```

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

```
.background{ background-color: rgb(185,  
121, 19) }
```

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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