

Converting Colors

YIQ(130.9170, 7.0630, -12.3690)

Have a look what the booklet for
YIQ(130.9170, 7.0630, -12.3690)
contains.

YIQ(130.9170, 7.0630, -12.3690)	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(130.9170, 7.0630,
-12.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	828966
RGB	130, 137, 102
RGB Percent	51%, 54%, 40%
CMY	0.4902, 0.4627, 0.5999
CMYK	0.05, 0.00, 0.26, 0.46
HSL	72°, 15%, 47%
HSV	72°, 26%, 54%
XYZ	20.5495, 23.5968, 16.0456
YIQ	130.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

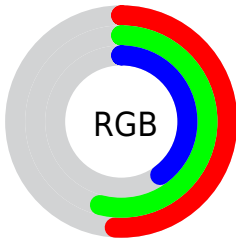
Format	Color
R_YB	102, 137, 109
Decimal	8554854
CIE Lab	55.68, -8.88, 17.95
CIE LCh	56, 20.025, 116.321
Yxy	23.5968, 0.3414, 0.3920
Android (android.graphics.Color)	4286744934 (0xFF828966)
YUV	130.9170, -14.2561, -0.8042
Hunter-Lab	48.5765, -9.4975, 14.4191

Details

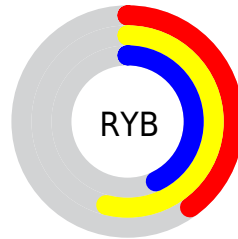
The YIQ color $130.9170, 7.0630, -12.3690$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $108.0830, -7.0630, 12.3690$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.6890, 7.7050, -12.9910$, and $81.2590, 6.1000, -11.4360$ is the 20% darker color. If you saturate the color by 10%, you get $128.4240, 9.7690, -17.3590$, and if you desaturate by 10%, it is $133.4100, 4.3570, -7.3790$.

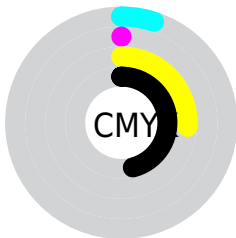
Distribution



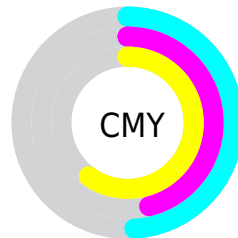
- Red (51%)
- Green (54%)
- Blue (40%)



- Red (40%)
- Yellow (54%)
- Blue (43%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9170, 7.0630, -12.3690 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 130.9170, 7.0630, -12.3690 by changing the saturation by 10% instead.

■ 130.9170, 7.0630,
-12.3690

■ 130.9170, 7.0630,
-12.3690

■ 255.0000, -0.0000,
-0.0000

■ 106.0310, 6.7420,
-12.0580

■ 183.6890, 7.7050,
-12.9910

■ 81.2590, 6.1000,
-11.4360

■ 211.5750, 8.0260,
-13.3020

■ 58.3730, 5.7790,
-11.1250

■ 240.1620, 7.7510,
-13.8250

■ 36.3730, 5.7790,
-11.1250

■ 252.8340, 6.0990,
-5.9090

■ 15.6050, -0.6860,
-9.5980

■ 0.0000, 0.0000,
0.0000

■ 130.9170, 7.0630,
-12.3690

■ 130.9170, 7.0630,
-12.3690

■ 128.4240, 9.7690,
-17.3590

■ 133.4100, 4.3570,
-7.3790

■ 126.0450, 12.1540,
-22.0380

■ 135.4900, 1.3760,
-2.9120

■ 123.8510, 15.4560,
-26.8160

■ 137.9830, -1.3300,
2.0780

■ 121.3580, 18.1620,
-31.8060

■ 140.4760, -4.0360,
7.0680

■ 118.9790, 20.5470,
-36.4850

■ 142.9690, -6.7420,
12.0580

■ 116.7850, 23.8490,
-41.2630

■ 145.0490, -9.7230,
16.5250

■ 114.2920, 26.5550,
-46.2530

■ 147.5420,
-12.4290, 21.5150

■ 113.3090, 27.8850,

■ 150.0350,

-48.3310

-15.1350, 26.5050

■ 152.4140,
-17.5200, 31.1840

Harmonies

Analogous

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



133.0220, 20.1290, -6.8710



130.9170, 7.0630, -12.3690



128.6530, -9.8090, -14.9690

Triad

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



130.9170, 7.0630, -12.3690



127.5580, -36.8620, -3.7580



136.1650, 22.0050, 14.2050

Complementary

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



130.9170, 7.0630, -12.3690



108.0830, -7.0630, 12.3690

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.



136.2760, 8.5710, 15.3790



130.9170, 7.0630, -12.3690



131.5750, -26.3640, 4.2280

Square

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



130.9170, 7.0630, -12.3690



125.6300, -37.3650, -11.1650



134.7730, -9.1260, 11.2100



135.7110, 28.9750, 9.0310

Rectangle

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



130.9170, 7.0630, -12.3690



127.4930, -21.0420, -15.1380



134.7730, -9.1260, 11.2100



136.5390, 18.0160, 14.9120

Sweetspot

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



130.9170, 7.0630, -12.3690



176.3930, 3.0270, -5.3010



116.5740, 18.9350, 3.7590



87.3760, 1.6970, -3.2230



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



130.9170, 7.0630, -12.3690



169.0280, 10.8240, -19.9600



125.8340, -3.0690, -15.9730



67.6040, 1.0550, -2.6010



109.7650, 26.6010, -47.0870



4.1310, 1.0090, -1.7670

Inverse Universe

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



108.0830, -7.0630, 12.3690



132.6730, -11.4200, 19.7480



113.4650, 3.6650, 16.1850



63.0970, -1.6510, 2.3890



23.2350, -26.6010, 47.0870



0.8690, -1.0090, 1.7670

Previews

White Background



This preview shows how the YIQ color 130.9170, 7.0630, -12.3690 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 130.9170, 7.0630, -12.3690 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 130.9170, 7.0630, -12.3690

Background



This preview shows how black text looks on a background with the YIQ color 130.9170, 7.0630, -12.3690.



This preview shows how white text looks on a background with the YIQ color 130.9170, 7.0630, -12.3690.

-12.3690.

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

130.9170, 7.0630, -12.3690

Protanopia

132.2280, 16.5530, -8.1430

Deuteranopia

133.6360, 24.3920, -1.5280



Tritanopia

134.0370, -1.4220, 3.7460

Trichromacy



Original Color

130.9170, 7.0630, -12.3690

Protanomaly

131.4340, 12.9770, -9.4150

Deuteranomaly

132.5920, 18.5240, -5.3160

Tritanomaly

132.9030, 1.6510, -2.3890

Monochromacy



Original Color

130.9170, 7.0630, -12.3690

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.9200, 2.9810, -4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9170, 7.0630, -12.3690 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(130, 137, 102)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 102)  
}
```

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(130, 137, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 102) }
```

Border

The CSS property to change the border of an element to YIQ 130.9170, 7.0630, -12.3690 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(130, 137, 102) }
```


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

```
.border{ border-color:rgb(130, 137, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 102);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9170, 7.0630, -12.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 102) }
```

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

```
.background{ background-color: rgb(130,  
137, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor