

Converting Colors

YIQ(140.6700, 0.6890, -6.9830)

Have a look what the booklet for
YIQ(140.6700, 0.6890, -6.9830)
contains.

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Color

**YIQ(140.6700, 0.6890,
-6.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	899180
RGB	137, 145, 128
RGB Percent	54%, 57%, 50%
CMY	0.4628, 0.4313, 0.4980
CMYK	0.06, 0.00, 0.12, 0.43
HSL	88°, 7%, 54%
HSV	88°, 12%, 57%
XYZ	24.3377, 27.1282, 24.3770
YIQ	140.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

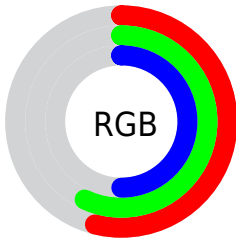
Format	Color
R_{YB}	128, 145, 136
Decimal	9015680
CIE Lab	59.09, -6.17, 8.03
CIE LCh	59, 10.125, 127.547
Yxy	27.1282, 0.3209, 0.3577
Android (android.graphics.Color)	4287205760 (0xFF899180)
YUV	140.6700, -6.2463, -3.2186
Hunter-Lab	52.0847, -7.7401, 8.7100

Details

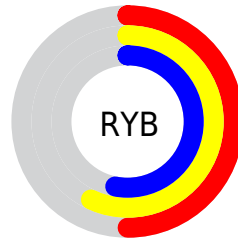
The YIQ color $140.6700, 0.6890, -6.9830$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $132.3300, -0.6890, 6.9830$, and the grayscale version is $141.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $194.2570, 0.4140, -7.5060$, and $90.7840, 0.3680, -6.6720$ is the 20% darker color. If you saturate the color by 10%, you get $136.9810, 1.0110, -12.8210$, and if you desaturate by 10%, it is $144.4730, 0.0460, -0.8340$.

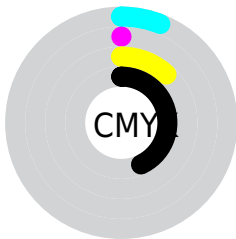
Distribution



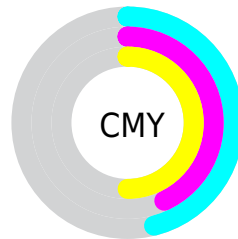
- Red (54%)
- Green (57%)
- Blue (50%)



- Red (50%)
- Yellow (57%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)



- Cyan (46%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.6700, 0.6890, -6.9830 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 140.6700, 0.6890, -6.9830 by changing the saturation by 10% instead.

■ 140.6700, 0.6890,
-6.9830

■ 140.6700, 0.6890,
-6.9830

■ 255.0000, -0.0000,
-0.0000

■ 115.0830, 0.9640,
-6.4600

■ 194.2570, 0.4140,
-7.5060

■ 90.7840, 0.3680,
-6.6720

■ 222.1430, 0.7350,
-7.8170

■ 67.1970, 0.6430,
-6.1490

■ 250.5560, 1.0100,
-7.2940

■ 45.3110, 0.3220,
-5.8380

■ 24.4960, 1.2390,
-5.9370

■ 0.0000, 0.0000,
0.0000

■ 140.6700, 0.6890,
-6.9830

■ 140.6700, 0.6890,
-6.9830

■ 136.9810, 1.0110,
-12.8210

■ 144.4730, 0.0460,
-0.8340

■ 133.1780, 1.6540,
-18.9700

■ 148.1620, -0.2760,
5.0040

■ 129.4890, 1.9760,
-24.8080

■ 151.6660, -1.5150,
10.9410

■ 125.9850, 3.2150,
-30.7450

■ 155.3550, -1.8370,
16.7790

■ 122.2960, 3.5370,
-36.5830

■ 159.1580, -2.4800,
22.9280

■ 118.4930, 4.1800,
-42.7320

■ 162.8470, -2.8020,
28.7660

■ 114.8040, 4.5020,
-48.5700


■ 166.6500, -3.4450,
34.9150

■ 111.0010, 5.1450,

■ 170.3390, -3.7670,

-54.7190

40.7530

 108.1380, 6.0170,
-59.5110

 173.6860, -3.1260,
45.6580

Harmonies

Analogous

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



141.5570, 8.4370, -4.2270



140.6700, 0.6890, -6.9830



139.6520, -8.0680, -7.9720

Triad

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



140.6700, 0.6890, -6.9830



140.8010, -15.4970, 0.0150



143.9310, 13.6160, 6.5440

Complementary

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



140.6700, 0.6890, -6.9830



132.3300, -0.6890, 6.9830

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.



144.0490, 7.4720, 7.7600



140.6700, 0.6890, -6.9830



142.2580, -9.3540, 4.3260

Square

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



140.6700, 0.6890, -6.9830



139.6110, -18.0180, -3.8580



143.3300, -0.6890, 6.9830



143.6060, 15.9090, 3.5330

Rectangle

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



140.6700, 0.6890, -6.9830



139.1400, -12.3780, -6.9540



143.3300, -0.6890, 6.9830



143.9740, 12.0570, 7.2650

Sweetspot

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



140.6700, 0.6890, -6.9830



186.8920, 0.1840, -3.3360



137.7790, 7.9320, -0.5800



92.9460, 0.0920, -1.6680



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.



140.6700, 0.6890, -6.9830



182.0350, 0.9190, -11.1530



138.2780, -4.0790, -8.6790



69.3050, 0.4590, -2.8130



100.4740, 5.1910, -55.5530



5.8920, 0.1840, -3.3360

Inverse Universe

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



132.3300, -0.6890, 6.9830



168.9650, -0.9190, 11.1530



134.7220, 4.0790, 8.6790



65.9940, 0.1370, 3.0250



34.5260, -5.1910, 55.5530



2.1080, -0.1840, 3.3360

Previews

White Background



This preview shows how the YIQ color 140.6700, 0.6890, -6.9830 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 140.6700, 0.6890, -6.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

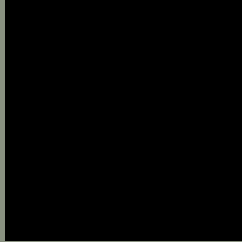
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

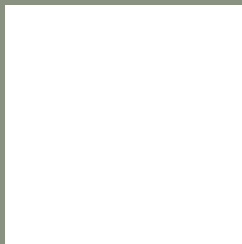
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 140.6700, 0.6890, -6.9830

Background



This preview shows how black text looks on a background with the YIQ color 140.6700, 0.6890, -6.9830.



This preview shows how white text looks on a background with the YIQ color 140.6700, 0.6890,

-6.9830.

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

140.6700, 0.6890, -6.9830

Protanopia

141.9700, 8.7120, -3.7040

Deuteranopia

143.0790, 15.9550, 2.6990



Tritanopia

142.3680, -3.8520, 3.7320

Trichromacy



Original Color

140.6700, 0.6890, -6.9830

Protanomaly

141.4750, 5.7320, -4.7640

Deuteranomaly

142.3340, 10.6830, -0.8770

Tritanomaly

141.6300, -1.8340, 0.1980

Monochromacy



Original Color

140.6700, 0.6890, -6.9830

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.7180, 0.7340, -2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.6700, 0.6890, -6.9830 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(137, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 128)  
}
```

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(137, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 128) }
```

Border

The CSS property to change the border of an element to YIQ 140.6700, 0.6890, -6.9830 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(137, 145, 128) }
```


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

```
.border{ border-color:rgb(137, 145, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 128);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 140.6700, 0.6890, -6.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 128) }
```

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

```
.background{ background-color: rgb(137,  
145, 128) }
```

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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