

Converting Colors

YIQ(142.3330, -5.9120,
-14.0080)

Have a look what the booklet for
YIQ(142.3330, -5.9120, -14.0080)
contains.

YIQ(142.3330, -5.9120, -14.0080)	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(142.3330, -5.9120,
-14.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	80997D
RGB	128, 153, 125
RGB Percent	50%, 60%, 49%
CMY	0.4981, 0.3999, 0.5098
CMYK	0.16, 0.00, 0.18, 0.40
HSL	114°, 12%, 55%
HSV	114°, 18%, 60%
XYZ	23.9937, 28.8542, 23.7067
YIQ	142.3330, -5.9120, -14.0080

Conversions

Conversions Part 2

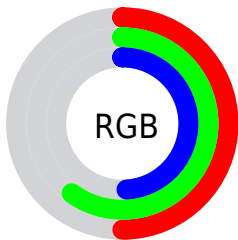
Format	Color
RYB	125, 153, 150
Decimal	8427901
CIELab	60.65, -14.40, 11.84
CIElCh	61, 18.642, 140.565
Yxy	28.8542, 0.3134, 0.3769
Android (android.graphics.Color)	4286617981 (0xFF80997D)
YUV	142.3330, -8.5452, -12.5700
Hunter-Lab	53.7161, -14.2715, 11.4346

Details

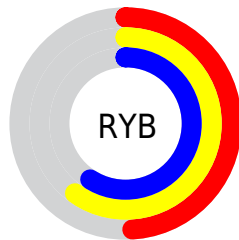
The YIQ color $142.3330, -5.9120, -14.0080$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $135.6670, 5.9120, 14.0080$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.9200, -6.1870, -14.5310$, and $91.8600, -5.9580, -13.1740$ is the 20% darker color. If you saturate the color by 10%, you get $136.4370, -9.4410, -21.6410$, and if you desaturate by 10%, it is $148.2290, -2.3830, -6.3750$.

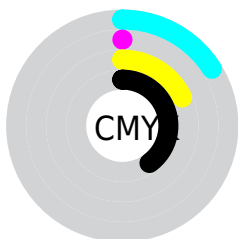
Distribution



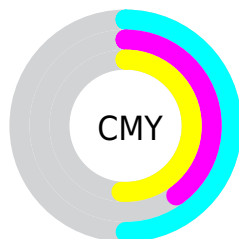
- Red (50%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.3330, -5.9120, -14.0080 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 142.3330, -5.9120, -14.0080 by changing the saturation by 10% instead.

■ 142.3330, -5.9120,
-14.0080

■ 142.3330, -5.9120,
-14.0080

■ 255.0000, -0.0000,
-0.0000

■ 116.7460, -5.6370,
-13.4850

■ 195.9200, -6.1870,
-14.5310

■ 91.8600, -5.9580,
-13.1740

■ 224.3930, -6.1410,
-15.3650

■ 68.2730, -5.6830,
-12.6510

■ 247.1100, -3.6660,
-10.6580

■ 45.8000, -5.7290,
-11.8170

■ 24.2840, -4.2160,
-11.7040

■ 2.3480, -1.1000,
-2.0920

■ 0.0000, 0.0000,

0.0000

■ 142.3330, -5.9120,
-14.0080

■ 142.3330, -5.9120,
-14.0080

■ 136.4370, -9.4410,
-21.6410

■ 148.2290, -2.3830,
-6.3750

■ 130.7260,
-12.0530, -29.3730

■ 153.9400, 0.2290,
1.3570

■ 124.8300,
-15.5820, -37.0060

■ 159.8360, 3.7580,
8.9900

■ 118.9340,
-19.1110, -44.6390

■ 165.7320, 7.2870,
16.6230

■ 113.2230,
-21.7230, -52.3710

■ 171.4430, 9.8990,
24.3550

■ 107.3270,
-25.2520, -60.0040

■ 177.3390, 13.4280,
31.9880

■ 101.4310,
-28.7810, -67.6370

■ 183.2350, 16.9570,
39.6210

■ 95.8340, -31.7140,
-75.0580

■ 188.8320, 19.8900,
47.0420

■ 94.5950, -32.5390,
-76.6270

■ 193.9300, 25.6660,
52.4980

Harmonies

Analogous

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



144.5260, 9.7220, -10.9980



142.3330, -5.9120, -14.0080



140.1340, -21.4090, -13.9930

Triad

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



142.3330, -5.9120, -14.0080



143.6350, -26.5930, 2.8710



148.4550, 26.8200, 9.5400

Complementary

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



142.3330, -5.9120, -14.0080



135.6670, 5.9120, 14.0080

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.



149.1970, 18.9790, 13.9790



142.3330, -5.9120, -14.0080



147.1640, -11.7850, 9.8390

Square

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



142.3330, -5.9120, -14.0080



140.9880, -35.2570, -5.3130



148.7810, 5.5910, 14.3190



147.5380, 27.7840, 3.0800

Rectangle

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



142.3330, -5.9120, -14.0080



139.6970, -30.3040, -12.4800



148.7810, 5.5910, 14.3190



149.1390, 24.8940, 11.4060

Sweetspot

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



142.3330, -5.9120, -14.0080



195.1690, -2.1540, -5.0180



148.0470, 9.8130, -7.1390



96.8210, -1.0540, -2.9260



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



142.3330, -5.9120, -14.0080



182.3230, -9.1200, -21.9520



142.6900, -11.2310, -11.2230



73.9950, -1.6040, -3.9720



86.6650, -29.5600, -70.0400



7.9300, -2.9790, -6.5870

Inverse Universe

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



135.6670, 5.9120, 14.0080



171.6770, 9.1200, 21.9520



135.3100, 11.2310, 11.2230



72.0050, 1.6040, 3.9720



53.3350, 29.5600, 70.0400



4.7710, 2.3830, 6.3750

Previews

White Background



This preview shows how the YIQ color 142.3330, -5.9120, -14.0080 looks on a white background.

Color Contrast Check

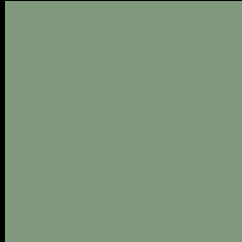
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.3330, -5.9120, -14.0080 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

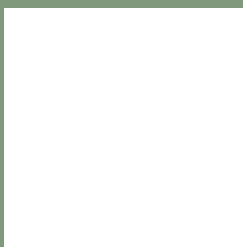
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 142.3330, -5.9120, -14.0080

Background



This preview shows how black text looks on a background with the YIQ color 142.3330, -5.9120, -14.0080.



This preview shows how white text looks on a background with the YIQ color 142.3330, -5.9120,

-14.0080.

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

142.3330, -5.9120, -14.0080

Protanopia

145.5420, 12.7930, -6.0790

Deuteranopia

147.2920, 19.6690, 1.4690



Tritanopia

145.1820, -12.1960, 0.7640

Trichromacy



Original Color

142.3330, -5.9120, -14.0080

Protanomaly

144.7260, 6.2830, -9.2450

Deuteranomaly

145.3400, 10.5460, -3.9020

Tritanomaly

144.2760, -9.7650, -4.7490

Monochromacy



Original Color

142.3330, -5.9120, -14.0080

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.1690, -2.1540, -5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3330, -5.9120, -14.0080 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(128, 153, 125)` looks like.

```
.text, #text, p{  
    color:rgb(128, 153, 125)  
}
```

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(128, 153, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 153, 125) }
```

Border

The CSS property to change the border of an element to YIQ 142.3330, -5.9120, -14.0080 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(128, 153, 125) }
```


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

```
.border{ border-color:rgb(128, 153, 125) }
```

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

Here you see how a box with a 4 pixel rgb(128, 153, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 153, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 153, 125);  
box-shadow:4px 4px 4px 4px rgb(128, 153,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3330, -5.9120, -14.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 153, 125) }
```

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

```
.background{ background-color: rgb(128,  
153, 125) }
```

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