

Converting Colors

YIQ(153.5120, -14.0260,
-21.1460)

Have a look what the booklet for
YIQ(153.5120, -14.0260, -21.1460)
contains.

YIQ(153.5120, -14.0260, -21.1460)	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(153.5120, -14.0260,
-21.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAB85
RGB	127, 171, 133
RGB Percent	50%, 67%, 52%
CMY	0.5021, 0.3293, 0.4785
CMYK	0.26, 0.00, 0.22, 0.33
HSL	128°, 21%, 58%
HSV	128°, 26%, 67%
XYZ	27.5471, 35.3356, 27.5564
YIQ	153.5120, -14.0260, -21.1460

Conversions

Conversions Part 2

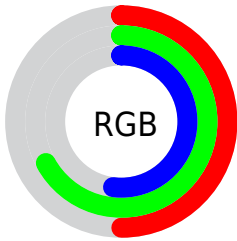
Format	Color
RYB	127, 166, 171
Decimal	8366981
CIELab	66.01, -22.60, 14.89
CIElCh	66, 27.061, 146.624
Yxy	35.3356, 0.3046, 0.3907
Android (android.graphics.Color)	4286557061 (0xFF7FAB85)
YUV	153.5120, -10.1124, -23.2510
Hunter-Lab	59.4437, -21.3070, 14.1254

Details

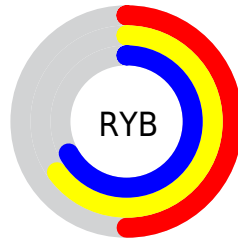
The YIQ color **153.5120, -14.0260, -21.1460** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **144.4880, 14.0260, 21.1460**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.5720, -14.2550, -22.5030**, and **102.3380, -13.4760, -20.1000** is the 20% darker color. If you saturate the color by 10%, you get **146.7190, -19.3430, -29.4150**, and if you desaturate by 10%, it is **160.3050, -8.7090, -12.8770**.

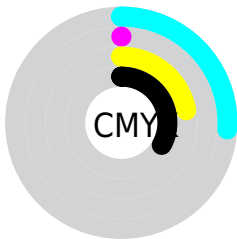
Distribution



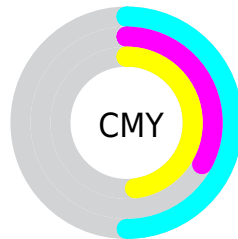
- Red (50%)
- Green (67%)
- Blue (52%)



- Red (50%)
- Yellow (65%)
- Blue (67%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (50%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.5120, -14.0260, -21.1460 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 153.5120, -14.0260, -21.1460 by changing the saturation by 10% instead.

■ 153.5120,
-14.0260, -21.1460

■ 153.5120,
-14.0260, -21.1460

■ 255.0000, -0.0000,
-0.0000

■ 127.0390,
-14.0720, -20.3120

■ 208.5720,
-14.2550, -22.5030

■ 102.3380,
-13.4760, -20.1000

■ 236.2730,
-14.8510, -22.7150

■ 77.5660, -14.1180,
-19.4780

■ 248.1360, -6.5550,
-7.8590

■ 54.0930, -14.1640,
-18.6440

■ 30.7230, -15.9980,
-18.4460

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,

0.0000

■ 153.5120,
-14.0260, -21.1460

■ 153.5120,
-14.0260, -21.1460

■ 146.7190,
-19.3430, -29.4150

■ 160.3050, -8.7090,
-12.8770

■ 139.9260,
-24.6600, -37.6840

■ 167.0980, -3.3920,
-4.6080

■ 133.2470,
-30.2980, -45.6420

■ 173.7770, 2.2460,
3.3500

■ 126.4540,
-35.6150, -53.9110

■ 180.5700, 7.5630,
11.6190

■ 119.3620,
-41.5280, -62.3920

■ 187.3630, 12.8800,
19.8880

■ 112.5690,
-46.8450, -70.6610

■ 194.4550, 18.7930,
28.3690

■ 105.8900,
-52.4830, -78.6190

■ 201.1340, 24.4310,
36.3270

■ 102.9990,
-54.4080, -82.2800

■ 205.2360, 24.3840,
42.6880

■ 205.6920, 23.1000,
43.9320

Harmonies

Analogous

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



157.1250, 9.1730, -17.5710



153.5120, -14.0260, -21.1460



150.2350, -38.0510, -20.7630

Triad

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



153.5120, -14.0260, -21.1460



157.3550, -37.3680, 5.4160



162.9790, 40.0240, 12.5360

Complementary

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



153.5120, -14.0260, -21.1460



144.4880, 14.0260, 21.1460

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.



164.2310, 30.8070, 19.8870



153.5120, -14.0260, -21.1460



162.0810, -12.7490, 16.2990

Square

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



153.5120, -14.0260, -21.1460



150.9950, -54.3300, -6.5700



164.1180, 12.1920, 21.3440



161.6440, 39.1090, 1.5810

Rectangle

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



153.5120, -14.0260, -21.1460



148.1720, -50.9350, -18.5430



164.1180, 12.1920, 21.3440



163.3040, 37.7310, 15.5470

Sweetspot

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



153.5120, -14.0260, -21.1460



214.9080, -5.9130, -8.4810



164.1900, 10.5480, -14.9560



107.6850, -3.6670, -5.1310



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



153.5120, -14.0260, -21.1460



194.5290, -21.8640, -33.2880



156.0200, -21.0880, -14.3040



83.3970, -2.7960, -4.3960



90.4440, -47.9910, -71.9190



13.8430, -7.2880, -11.0960

Inverse Universe

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



144.4880, 14.0260, 21.1460



180.3570, 22.1850, 32.9770



141.9800, 21.0880, 14.3040



81.6030, 2.7960, 4.3960



59.6700, 47.6700, 72.2300



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 153.5120, -14.0260, -21.1460 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 153.5120, -14.0260, -21.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

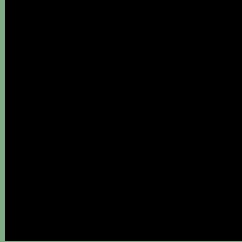
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.5120, -14.0260, -21.1460 Background



This preview shows how black text looks on a background with the YIQ color 153.5120, -14.0260, -21.1460.



This preview shows how white text looks on a background with the YIQ color 153.5120, -14.0260, -21.1460.

-21.1460.

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

153.5120, -14.0260, -21.1460

Protanopia

159.3420, 16.2320, -7.8320

Deuteranopia

161.0320, 23.3370, 1.0730



Tritanopia

157.5120, -22.0530, -2.3170

Trichromacy



Original Color

153.5120, -14.0260, -21.1460

Protanomaly

157.1340, 4.9540, -12.6940

Deuteranomaly

158.1610, 9.4920, -6.8280

Tritanomaly

155.9650, -19.2550, -8.9750

Monochromacy



Original Color

153.5120, -14.0260, -21.1460

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.6200, -5.0420, -7.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.5120, -14.0260, -21.1460 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(127, 171, 133)` looks like.

```
.text, #text, p{  
    color:rgb(127, 171, 133)  
}
```

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(127, 171, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 171, 133) }
```

Border

The CSS property to change the border of an element to YIQ 153.5120, -14.0260, -21.1460 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(127, 171, 133) }
```


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

```
.border{ border-color:rgb(127, 171, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 171, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 171, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 171, 133);  
box-shadow:4px 4px 4px 4px rgb(127, 171,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 153.5120, -14.0260, -21.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 171, 133) }
```

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

```
.background{ background-color: rgb(127,  
171, 133) }
```

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