

Converting Colors

YIQ(136.3220, -7.3790,
-14.9550)

Have a look what the booklet for
YIQ(136.3220, -7.3790, -14.9550)
contains.

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Color

**YIQ(136.3220, -7.3790,
-14.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	789477
RGB	120, 148, 119
RGB Percent	47%, 58%, 47%
CMY	0.5295, 0.4195, 0.5333
CMYK	0.19, 0.00, 0.20, 0.42
HSL	118°, 12%, 52%
HSV	118°, 20%, 58%
XYZ	21.6641, 26.5069, 21.4267
YIQ	136.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

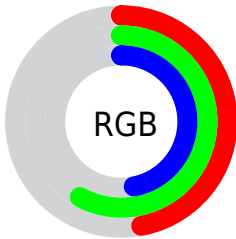
Format	Color
R_{YB}	119, 148, 147
Decimal	7902327
CIE Lab	58.52, -15.76, 12.14
CIE LCh	59, 19.896, 142.387
Yxy	26.5069, 0.3113, 0.3809
Android (android.graphics.Color)	4286092407 (0xFF789477)
YUV	136.3220, -8.5397, -14.3144
Hunter-Lab	51.4848, -14.9880, 11.3643

Details

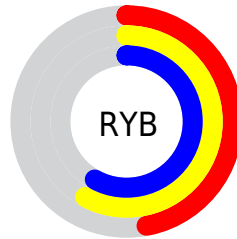
The YIQ color $136.3220, -7.3790, -14.9550$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $130.6780, 7.3790, 14.9550$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.7950, -7.3330, -15.7890$, and $86.2620, -7.1500, -13.5980$ is the 20% darker color. If you saturate the color by 10%, you get $130.4260, -10.9080, -22.5880$, and if you desaturate by 10%, it is $142.2180, -3.8500, -7.3220$.

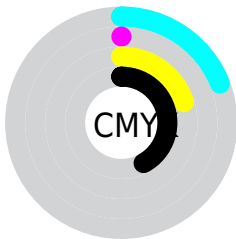
Distribution



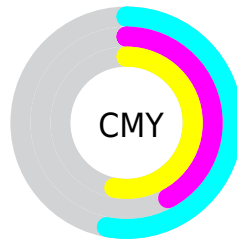
- Red (47%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.3220, -7.3790, -14.9550 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 136.3220, -7.3790, -14.9550 by changing the saturation by 10% instead.

■ 136.3220, -7.3790,
-14.9550

■ 136.3220, -7.3790,
-14.9550

■ 255.0000, -0.0000,
-0.0000

■ 110.7350, -7.1040,
-14.4320

■ 189.7950, -7.3330,
-15.7890

■ 86.2620, -7.1500,
-13.5980

■ 217.4960, -7.9290,
-16.0010

■ 62.6750, -6.8750,
-13.0750

■ 243.7350, -7.1040,
-14.4320

■ 40.7890, -7.1960,
-12.7640

■ 18.9200, -6.1870,
-14.5310

■ 0.0000, 0.0000,
0.0000

■ 136.3220, -7.3790,
-14.9550

■ 136.3220, -7.3790,
-14.9550

■ 130.4260,
-10.9080, -22.5880

■ 142.2180, -3.8500,
-7.3220

■ 124.2310,
-15.0330, -30.4330

■ 148.4130, 0.2750,
0.5230

■ 118.4490,
-18.8830, -37.7550

■ 154.1950, 4.1250,
7.8450

■ 112.5530,
-22.4120, -45.3880

■ 160.0910, 7.6540,
15.4780

■ 106.3580,
-26.5370, -53.2330

■ 165.9870, 11.1830,
23.1110

■ 100.4620,
-30.0660, -60.8660

■ 172.1820, 15.3080,
30.9560

■ 94.5660, -33.5950,
-68.4990


■ 178.0780, 18.8370,
38.5890


■ 88.7840, -37.4450,

■ 183.8600, 22.6870,

-75.8210

45.9110

 88.3710, -37.7200,
-76.3440

 190.0550, 26.8120,
53.7560

Harmonies

Analogous

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



138.7000, 9.1720, -12.0440



136.3220, -7.3790, -14.9550



133.9380, -23.7930, -14.8410

Triad

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



136.3220, -7.3790, -14.9550



138.5640, -27.8310, 3.2810



143.2380, 28.9290, 9.8650

Complementary

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



136.3220, -7.3790, -14.9550



130.6780, 7.3790, 14.9550

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.



144.0940, 20.7670, 14.6150



136.3220, -7.3790, -14.9550



141.9900, -11.2350, 10.8850

Square

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



136.3220, -7.3790, -14.9550



134.7320, -37.4120, -4.8040



143.4930, 6.4620, 15.0540



141.6090, 29.0220, 2.6700

Rectangle

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



136.3220, -7.3790, -14.9550



133.6150, -33.0090, -13.0170



143.4930, 6.4620, 15.0540



143.0360, 26.6820, 12.0420

Sweetspot

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



136.3220, -7.3790, -14.9550



186.4570, -3.0250, -5.7530



144.1070, 9.5840, -8.4960



94.1090, -1.9250, -3.6610



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



136.3220, -7.3790, -14.9550



172.6000, -11.4580, -23.6340



137.5050, -12.1480, -11.1240



71.1090, -1.9250, -3.6610



82.5010, -34.9700, -71.1140



5.8700, -2.7500, -5.2300

Inverse Universe

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



130.6780, 7.3790, 14.9550



163.6990, 12.0540, 23.8460



129.4950, 12.1480, 11.1240



69.8910, 1.9250, 3.6610



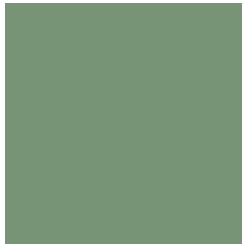
55.4990, 34.9700, 71.1140



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 136.3220, -7.3790, -14.9550 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 136.3220, -7.3790, -14.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

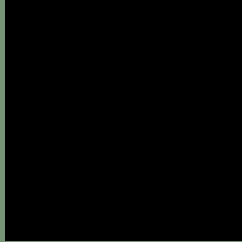
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.3220, -7.3790, -14.9550

Background



This preview shows how black text looks on a background with the YIQ color 136.3220, -7.3790, -14.9550.



This preview shows how white text looks on a background with the YIQ color 136.3220, -7.3790,

-14.9550.

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

136.3220, -7.3790, -14.9550

Protanopia

139.8410, 13.3890, -5.8670

Deuteranopia

141.2920, 19.6690, 1.4690



Tritanopia

139.2850, -13.9840, 0.1280

Trichromacy



Original Color

136.3220, -7.3790, -14.9550

Protanomaly

138.4270, 5.6870, -9.4570

Deuteranomaly

139.6280, 9.6750, -4.6370

Tritanomaly

138.3790, -11.5530, -5.3850

Monochromacy



Original Color

136.3220, -7.3790, -14.9550

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8700, -2.7500, -5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.3220, -7.3790, -14.9550 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(120, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 119)  
}
```

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(120, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 119) }
```

Border

The CSS property to change the border of an element to YIQ 136.3220, -7.3790, -14.9550 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(120, 148, 119) }
```


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

```
.border{ border-color:rgb(120, 148, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 148,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 136.3220, -7.3790, -14.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 119) }
```

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

```
.background{ background-color: rgb(120,  
148, 119) }
```

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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