

Converting Colors

YIQ(174.0890, -17.5090,
-29.6130)

Have a look what the booklet for
YIQ(174.0890, -17.5090, -29.6130)
contains.

YIQ(174.0890, -17.5090, -29.6130)	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(174.0890, -17.5090,
-29.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	8BC68F
RGB	139, 198, 143
RGB Percent	55%, 78%, 56%
CMY	0.4551, 0.2234, 0.4392
CMYK	0.30, 0.00, 0.28, 0.22
HSL	124°, 34%, 66%
HSV	124°, 30%, 78%
XYZ	35.7972, 47.8675, 33.3365
YIQ	174.0890, -17.5090, -29.6130

Conversions

Conversions Part 2

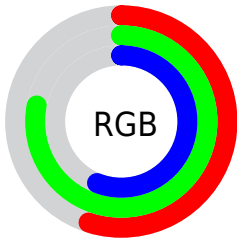
Format	Color
RYB	139, 194, 198
Decimal	9160335
CIELab	74.74, -30.04, 21.65
CIELCh	75, 37.033, 144.220
Yxy	47.8675, 0.3060, 0.4091
Android (android.graphics.Color)	4287350415 (0xFF8BC68F)
YUV	174.0890, -15.3269, -30.7731
Hunter-Lab	69.1864, -28.7199, 19.8624

Details

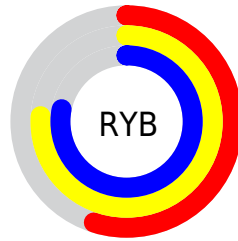
The YIQ color **174.0890, -17.5090, -29.6130** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **162.9110, 17.5090, 29.6130**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.1490, -17.7380, -30.9700**, and **121.0290, -17.2800, -28.2560** is the 20% darker color. If you saturate the color by 10%, you get **166.0570, -23.6510, -39.4510**, and if you desaturate by 10%, it is **182.1210, -11.3670, -19.7750**.

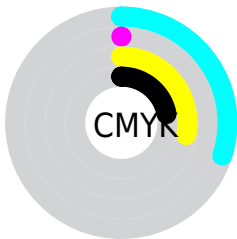
Distribution



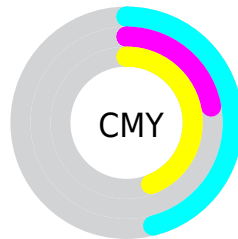
- Red (55%)
- Green (78%)
- Blue (56%)



- Red (55%)
- Yellow (76%)
- Blue (78%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.0890, -17.5090, -29.6130 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 174.0890, -17.5090, -29.6130 by changing the saturation by 10% instead.

■ 174.0890,
-17.5090, -29.6130

■ 174.0890,
-17.5090, -29.6130

■ 255.0000, -0.0000,
-0.0000

■ 147.5020,
-17.2340, -29.0900

■ 230.1490,
-17.7380, -30.9700

■ 121.0290,
-17.2800, -28.2560

■ 241.7130,
-10.0380, -16.3260

■ 95.2570, -17.9220,
-27.6340

■ 253.6900, -2.0630,
-1.1590

■ 70.5990, -18.8850,
-26.7010

■ 44.7340, -23.6990,
-27.5630

■ 27.0020, -12.6500,
-24.0580

■ 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 174.0890,
-17.5090, -29.6130

■ 174.0890,
-17.5090, -29.6130

■ 166.0570,
-23.6510, -39.4510

■ 182.1210,
-11.3670, -19.7750

■ 157.9110,
-29.4720, -49.6000

■ 190.2670, -5.5460,
-9.6260

■ 150.1780,
-35.0180, -59.2260

■ 198.0000, -0.0000,
0.0000

■ 142.0320,
-40.8390, -69.3750

■ 206.1460, 5.8210,
10.1490

■ 134.0000,
-46.9810, -79.2130

■ 214.1780, 11.9630,
19.9870

■ 125.8540,
-52.8020, -89.3620

■ 221.4270, 15.9960,
29.5000

■ 117.8220,
-58.9440, -99.2000

■ 221.5410, 15.6750,
29.8110

Harmonies

Analogous

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



178.8450, 15.5930, -23.7910



174.0890, -17.5090, -29.6130



167.3420, -54.8300, -30.5580

Triad

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



174.0890, -17.5090, -29.6130



176.9320, -58.0460, 5.7140



186.3940, 55.1530, 19.1930

Complementary

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



174.0890, -17.5090, -29.6130



162.9110, 17.5090, 29.6130

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.



187.8890, 40.9380, 29.0180



174.0890, -17.5090, -29.6130



186.0510, -21.2320, 21.3600

Square

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



174.0890, -17.5090, -29.6130



165.1850, -87.3400, -14.0600



189.0570, 14.1620, 29.6980



184.8970, 54.5140, 3.2340

Rectangle

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



174.0890, -17.5090, -29.6130



162.1900, -77.7090, -28.9170



189.0570, 14.1620, 29.6980



187.0610, 51.8970, 23.1370

Sweetspot

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



174.0890, -17.5090, -29.6130



245.7290, -6.9670, -11.4070



190.0780, 16.5550, -19.1970



121.9190, -4.4460, -7.5340



0.0000, 0.0000, 0.0000



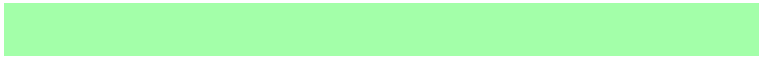
128.0000, -0.0000, -0.0000

Same Dimension

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



174.0890, -17.5090, -29.6130



217.6880, -27.2260, -46.2500



177.3950, -26.8180, -20.5940



95.2830, -2.4750, -4.7070



96.9350, -48.3560, -81.8280



21.3600, -10.5420, -18.2060

Inverse Universe

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



162.9110, 17.5090, 29.6130



200.3120, 27.2260, 46.2500



159.6050, 26.8180, 20.5940



93.7170, 2.4750, 4.7070



66.0650, 48.3560, 81.8280



14.5260, 10.8630, 17.8950

Previews

White Background



This preview shows how the YIQ color 174.0890, -17.5090, -29.6130 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 174.0890, -17.5090, -29.6130 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 174.0890, -17.5090, -29.6130 Background



This preview shows how black text looks on a background with the YIQ color 174.0890, -17.5090, -29.6130.



This preview shows how white text looks on a background with the YIQ color 174.0890, -17.5090, -29.6130.

-29.6130.

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

174.0890, -17.5090, -29.6130

Protanopia

181.5290, 22.8350, -11.8610

Deuteranopia

183.8710, 31.0400, -0.8640



Tritanopia

179.7500, -28.6550, -3.8150

Trichromacy



Original Color

174.0890, -17.5090, -29.6130

Protanomaly

178.5270, 7.9810, -17.9950

Deuteranomaly

180.2660, 13.3900, -11.3940

Tritanomaly

177.6930, -24.4810, -13.3850

Monochromacy



Original Color

174.0890, -17.5090, -29.6130

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1420, -6.6920, -10.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.0890, -17.5090, -29.6130 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(139, 198, 143)` looks like.

```
.text, #text, p{  
    color:rgb(139, 198, 143)  
}
```

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(139, 198, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 198, 143) }
```

Border

The CSS property to change the border of an element to YIQ 174.0890, -17.5090, -29.6130 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(139, 198, 143) }
```


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

```
.border{ border-color:rgb(139, 198, 143) }
```

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

Here you see how a box with a 4 pixel rgb(139, 198, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 198, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 198, 143);  
box-shadow:4px 4px 4px 4px rgb(139, 198,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 174.0890, -17.5090, -29.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 198, 143) }
```

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

```
.background{ background-color: rgb(139,  
198, 143) }
```

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