

Converting Colors

YIQ(174.7820, -6.4590,
-31.6350)

Have a look what the booklet for
YIQ(174.7820, -6.4590, -31.6350)
contains.

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Color

**YIQ(174.7820, -6.4590,
-31.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	95C580
RGB	149, 197, 128
RGB Percent	58%, 77%, 50%
CMY	0.4158, 0.2274, 0.4980
CMYK	0.24, 0.00, 0.35, 0.23
HSL	102°, 37%, 64%
HSV	102°, 35%, 77%
XYZ	36.2547, 47.8861, 27.7566
YIQ	174.7820, -6.4590, -31.6350

Conversions

Conversions Part 2

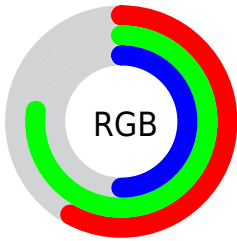
Format	Color
RYB	128, 197, 176
Decimal	9815424
CIELab	74.75, -28.56, 29.66
CIElCh	75, 41.175, 133.923
Yxy	47.8861, 0.3240, 0.4279
Android (android.graphics.Color)	4288005504 (0xFF95C580)
YUV	174.7820, -23.0635, -22.6108
Hunter-Lab	69.1998, -27.5811, 24.6581

Details

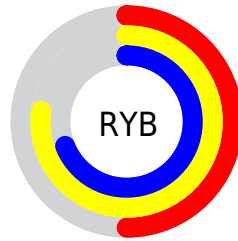
The YIQ color **174.7820, -6.4590, -31.6350** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **150.2180, 6.4590, 31.6350**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.7280, -6.3670, -33.3030**, and **121.5370, -7.1470, -30.1790** is the 20% darker color. If you saturate the color by 10%, you get **168.3160, -8.3830, -40.8230**, and if you desaturate by 10%, it is **181.2480, -4.5350, -22.4470**.

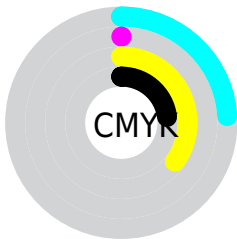
Distribution



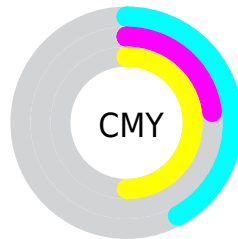
- Red (58%)
- Green (77%)
- Blue (50%)



- Red (50%)
- Yellow (77%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)





- Cyan (42%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.7820, -6.4590, -31.6350 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 174.7820, -6.4590, -31.6350 by changing the saturation by 10% instead.

 174.7820, -6.4590,
-31.6350


 174.7820, -6.4590,
-31.6350


255.0000, -0.0000,
-0.0000


 147.8960, -6.7800,
-31.3240


 230.7280, -6.3670,
-33.3030


 121.5370, -7.1470,
-30.1790


 243.1780, 1.6540,
-18.9700

 96.0640, -7.1930,
-29.3450

 253.0620, 5.4570,
-5.2870

 71.2920, -7.8350,
-28.7230

 46.6940, -9.0270,
-29.1470

 26.4150, -12.3750,
-23.5350

 14.6750, -6.8750,

-13.0750

■ 0.0000, 0.0000,
0.0000

■ 174.7820, -6.4590,
-31.6350

■ 174.7820, -6.4590,
-31.6350

■ 168.3160, -8.3830,
-40.8230

■ 181.2480, -4.5350,
-22.4470

■ 162.2630,
-10.0320, -49.4880

■ 187.3010, -2.8860,
-13.7820

■ 155.7970,
-11.9560, -58.6760

■ 193.7670, -0.9620,
-4.5940

■ 149.3310,
-13.8800, -67.8640

■ 200.2330, 0.9620,
4.5940

■ 142.8650,
-15.8040, -77.0520

■ 206.6990, 2.8860,
13.7820

■ 136.8120,
-17.4530, -85.7170

■ 212.7520, 4.5350,
22.4470

■ 133.5790,
-18.4150, -90.3110

■ 217.9640, 9.9900,
28.2140

■ 220.9540, 15.9500,
30.3340

Harmonies

Analogous

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



179.3040, 27.4220, -23.4100



174.7820, -6.4590, -31.6350



167.5290, -48.2270, -34.5870

Triad

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



174.7820, -6.4590, -31.6350



169.8580, -81.5650, -3.0770



186.3820, 55.4270, 25.2430

Complementary

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



174.7820, -6.4590, -31.6350



150.2180, 6.4590, 31.6350

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.



188.8980, 36.7190, 33.8950



174.7820, -6.4590, -31.6350



182.8470, -38.3330, 17.4030

Square

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



174.7820, -6.4590, -31.6350



144.7770, -130.7100, -32.0380



188.9510, 2.8370, 31.1970



185.0060, 61.7570, 9.6370

Rectangle

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



174.7820, -6.4590, -31.6350



159.4190, -80.0920, -35.2920



188.9510, 2.8370, 31.1970



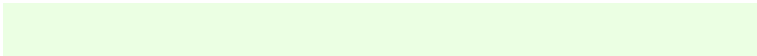
187.1630, 51.8500, 29.4980

Sweetspot

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



174.7820, -6.4590, -31.6350



245.8280, -2.9320, -12.9480



176.2200, 28.1990, -9.9530



122.4740, -1.6950, -7.8310



0.0000, 0.0000, 0.0000



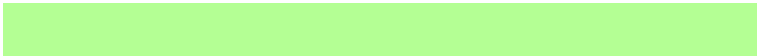
128.0000, -0.0000, -0.0000

Same Dimension

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



174.7820, -6.4590, -31.6350



220.3770, -10.3530, -49.1770



169.9850, -23.1480, -32.0440



96.1800, -0.6870, -4.0710



110.6310, -15.0250, -74.6490



24.4210, -3.3440, -16.4960

Inverse Universe

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



150.2180, 6.4590, 31.6350



182.3240, 9.7570, 48.9650



155.0150, 23.1480, 32.0440



92.8200, 0.6870, 4.0710



52.6680, 15.6210, 74.8610



11.5790, 3.3440, 16.4960

Previews

White Background



This preview shows how the YIQ color 174.7820, -6.4590, -31.6350 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 174.7820, -6.4590, -31.6350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

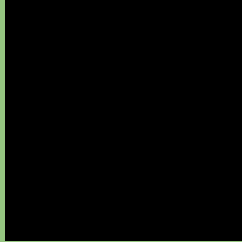
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.7820, -6.4590, -31.6350

Background



This preview shows how black text looks on a background with the YIQ color 174.7820, -6.4590, -31.6350.



This preview shows how white text looks on a background with the YIQ color 174.7820, -6.4590,

-31.6350.

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

174.7820, -6.4590, -31.6350

Protanopia

180.8300, 29.1170, -15.5790

Deuteranopia

183.3570, 38.2390, -4.6810



Tritanopia

181.6370, -20.9070, -1.0590

Trichromacy



Original Color

174.7820, -6.4590, -31.6350

Protanomaly

178.6110, 16.3720, -21.3880

Deuteranomaly

180.3500, 21.7810, -14.7870

Tritanomaly

179.1240, -15.4490, -11.8730

Monochromacy



Original Color

174.7820, -6.4590, -31.6350

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.0670, -2.1070, -11.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7820, -6.4590, -31.6350 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(149, 197, 128)` looks like.

```
.text, #text, p{  
    color:rgb(149, 197, 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(149, 197, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 197, 128) }
```

Border

The CSS property to change the border of an element to YIQ 174.7820, -6.4590, -31.6350 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(149, 197, 128) }
```


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

```
.border{ border-color:rgb(149, 197, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 197, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 197, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 197, 128);  
box-shadow:4px 4px 4px 4px rgb(149, 197,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7820, -6.4590, -31.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 197, 128) }
```

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

```
.background{ background-color: rgb(149,  
197, 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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