

Converting Colors

YIQ(149.7810, 67.4850, 26.9810)

Have a look what the booklet for
YIQ(149.7810, 67.4850, 26.9810)
contains.

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Color

**YIQ(149.7810, 67.4850,
26.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	E77279
RGB	231, 114, 121
RGB Percent	91%, 45%, 47%
CMY	0.0938, 0.5531, 0.5252
CMYK	0.00, 0.51, 0.48, 0.09
HSL	356°, 71%, 68%
HSV	356°, 51%, 91%
XYZ	42.4453, 30.4066, 21.7426
YIQ	149.7810, 67.4850, 26.9810

Conversions

Conversions Part 2

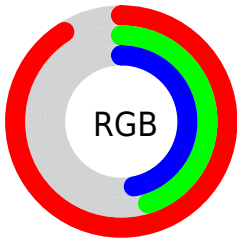
Format	Color
R _Y B	231, 114, 121
Decimal	15168121
CIE Lab	62.00, 45.96, 17.59
CIE LCh	62, 49.208, 20.943
Yxy	30.4066, 0.4487, 0.3214
Android (android.graphics.Color)	4293358201 (0xFFE77279)
YUV	149.7810, -14.1890, 71.2291
Hunter-Lab	55.1422, 40.9005, 15.2214

Details

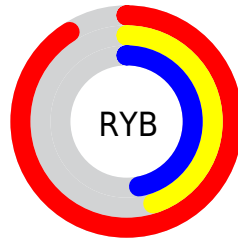
The YIQ color **149.7810, 67.4850, 26.9810** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **195.2190, -67.4850, -26.9810**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.5830, 50.2470, 19.9990**, and **95.2580, 61.7080, 27.0520** is the 20% darker color. If you saturate the color by 10%, you get **133.7720, 80.8720, 32.1680**, and if you desaturate by 10%, it is **165.7900, 54.0980, 21.7940**.

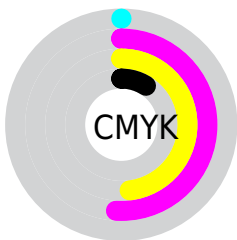
Distribution



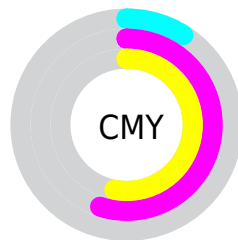
- Red (91%)
- Green (45%)
- Blue (47%)



- Red (91%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (51%)
- Yellow (48%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.7810, 67.4850, 26.9810 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 149.7810, 67.4850, 26.9810 by changing the saturation by 10% instead.


 149.7810, 67.4850,
26.9810


 149.7810, 67.4850,
26.9810


255.0000, -0.0000,
-0.0000


 122.1120, 65.0550,
26.9670


 194.5830, 50.2470,
19.9990

 95.2580, 61.7080,
27.0520


 214.7980, 33.2840,
13.5400


 67.5290, 59.5070,
28.3950

 234.4260, 16.5960,
7.6040

 37.0930, 58.0390,
32.9750

254.4130, 0.2750,
0.5230

 25.9850, 49.0550,
19.5750

 17.7550, 34.8430,
12.8190

 7.2900, 13.9830,

5.3990

■ 0.0000, 0.0000,
0.0000

■ 149.7810, 67.4850,
26.9810

■ 149.7810, 67.4850,
26.9810

■ 133.7720, 80.8720,
32.1680

■ 165.7900, 54.0980,
21.7940

■ 117.8770, 93.9380,
37.6660

■ 181.6850, 41.0320,
16.2960

■ 101.8680,
107.3250, 42.8530

■ 197.6940, 27.6450,
11.1090

■ 85.8590, 120.7120,
48.0400

■ 213.7030, 14.2580,
5.9220

■ 70.6650, 133.1820,
53.3260

■ 229.7120, 0.8710,
0.7350

■ 246.1940,
-12.4700, -5.2860

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



152.4050, 48.5930, 38.9690



149.7810, 67.4850, 26.9810



148.8940, 67.7640, 5.3960

Triad

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



149.7810, 67.4850, 26.9810



135.8510, -20.0750, -38.1790



119.6500, -119.2060, -9.2380

Complementary

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



149.7810, 67.4850, 26.9810



195.2190, -67.4850, -26.9810

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.



123.3540, -115.8570, -20.3770



149.7810, 67.4850, 26.9810



115.7670, -90.3600, -47.4480

Square

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



149.7810, 67.4850, 26.9810



142.8100, 22.7010, -31.4670



121.4840, -105.0800, -33.9760



150.0310, -35.6750, 24.3010

Rectangle

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



149.7810, 67.4850, 26.9810



147.1450, 59.1470, -9.1490



121.4840, -105.0800, -33.9760



121.5420, -119.0220, -12.5740

Sweetspot

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



149.7810, 67.4850, 26.9810



228.5900, 22.0060, 8.6780



159.9290, 27.4070, 59.4950



111.9910, 13.3870, 5.1870



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.



149.7810, 67.4850, 26.9810



146.7840, 89.7660, 36.1820



178.9200, 55.7070, -1.8690



106.7020, 6.8310, 2.8550



54.7750, 103.1530, 41.3690



15.5910, 29.4330, 11.7450

Inverse Universe

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



149.7810, 67.4850, 26.9810



146.7840, 89.7660, 36.1820



166.0800, -55.7070, 1.8690



106.7020, 6.8310, 2.8550



54.7750, 103.1530, 41.3690



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 149.7810, 67.4850, 26.9810 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 149.7810, 67.4850, 26.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

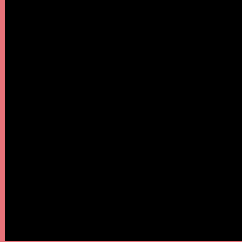
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.7810, 67.4850, 26.9810

Background



This preview shows how black text looks on a background with the YIQ color 149.7810, 67.4850, 26.9810.



This preview shows how white text looks on a background with the YIQ color 149.7810, 67.4850,

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

149.7810, 67.4850, 26.9810

Protanopia

150.5400, 7.1070, -2.1490

Deuteranopia

150.3760, 28.0600, -1.9240



Tritanopia

149.8950, 67.1640, 27.2920

Trichromacy



Original Color

149.7810, 67.4850, 26.9810

Protanomaly

150.1840, 29.0210, 8.1970

Deuteranomaly

150.1270, 42.3630, 8.6910

Tritanomaly

149.8950, 67.1640, 27.2920

Monochromacy



Original Color

149.7810, 67.4850, 26.9810

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.7860, 24.3900, 9.5260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.7810, 67.4850, 26.9810 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(231, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(231, 114, 121)  
}
```

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(231, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 114, 121) }
```

Border

The CSS property to change the border of an element to YIQ 149.7810, 67.4850, 26.9810 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(231, 114, 121) }
```


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

```
.border{ border-color:rgb(231, 114, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 114, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(231, 114,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 149.7810, 67.4850, 26.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 114, 121) }
```

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

```
.background{ background-color: rgb(231,  
114, 121) }
```

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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