

Converting Colors

YIQ(134.7770, -14.9490,
12.1150)

Have a look what the booklet for
YIQ(134.7770, -14.9490, 12.1150)
contains.

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Color

**YIQ(134.7770, -14.9490,
12.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	8083AC
RGB	128, 131, 172
RGB Percent	50%, 51%, 67%
CMY	0.4980, 0.4863, 0.3256
CMYK	0.26, 0.24, 0.00, 0.33
HSL	236°, 21%, 59%
HSV	236°, 26%, 67%
XYZ	24.4634, 23.8002, 42.3226
YIQ	134.7770, -14.9490, 12.1150

Conversions

Conversions Part 2

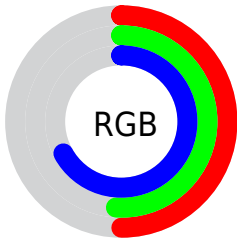
Format	Color
RYB	128, 131, 172
Decimal	8422316
CIELab	55.89, 8.19, -22.02
CIELCh	56, 23.491, 290.410
Yxy	23.8002, 0.2701, 0.2627
Android (android.graphics.Color)	4286612396 (0xFF8083AC)
YUV	134.7770, 18.3509, -5.9434
Hunter-Lab	48.7854, 4.1342, -17.2857

Details

The YIQ color $134.7770, -14.9490, 12.1150$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $165.2230, 14.9490, -12.1150$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.4180, -15.3160, 13.2600$, and $85.1360, -14.5820, 10.9700$ is the 20% darker color. If you saturate the color by 10%, you get $120.3020, -20.6810, 16.8790$, and if you desaturate by 10%, it is $149.2520, -9.2170, 7.3510$.

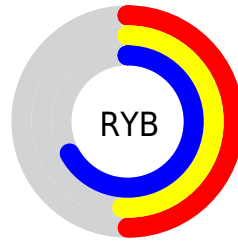
Distribution



Red (50%)

Green (51%)

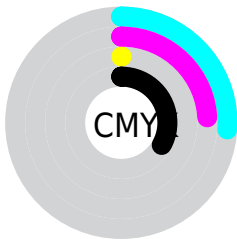
Blue (67%)



Red (50%)

Yellow (51%)

Blue (67%)

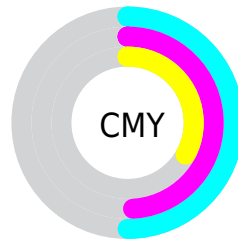


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (33%)



Cyan (50%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7770, -14.9490, 12.1150 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 134.7770, -14.9490, 12.1150 by changing the saturation by 10% instead.

■ 134.7770,
-14.9490, 12.1150

■ 134.7770,
-14.9490, 12.1150

■ 255.0000, -0.0000,
-0.0000

■ 109.2500,
-14.9030, 11.2810

■ 188.3040,
-14.9950, 12.9490

■ 85.1360, -14.5820,
10.9700

■ 216.0050,
-15.5910, 12.7370

■ 61.6090, -14.5360,
10.1360

■ 241.1120, -6.0070,
4.2410

■ 38.7830, -15.0860,
9.0900

■ 17.5440, -15.9110,
7.5210

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,

0.0000

■ 134.7770,
-14.9490, 12.1150

■ 134.7770,
-14.9490, 12.1150

■ 120.3020,
-20.6810, 16.8790

■ 149.2520, -9.2170,
7.3510

■ 105.8270,
-26.4130, 21.6430

■ 163.7270, -3.4850,
2.5870

■ 91.0530, -32.7410,
26.1950

■ 178.5010, 2.8430,
-1.9650

■ 76.5780, -38.4730,
30.9590

■ 192.9760, 8.5750,
-6.7290

■ 62.1030, -44.2050,
35.7230

■ 207.4510, 14.3070,
-11.4930

■ 47.6280, -49.9370,
40.4870

■ 221.9260, 20.0390,
-16.2570

■ 33.1530, -55.6690,
45.2510

■ 236.4010, 25.7710,
-21.0210

■ 26.6520, -58.5120,
47.2160

■ 245.5380, 26.6430,
-25.8130

Harmonies

Analogous

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



130.4430, -34.8000, 2.9280



134.7770, -14.9490, 12.1150



137.0740, 6.3240, 17.5560

Triad

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



134.7770, -14.9490, 12.1150



135.0610, 33.5610, 3.0090



125.7910, -27.8730, -17.9930

Complementary

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



134.7770, -14.9490, 12.1150



165.2230, 14.9490, -12.1150

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.



128.7410, -7.2410, -17.4570



134.7770, -14.9490, 12.1150



133.3710, 26.4560, -5.8960

Square

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



134.7770, -14.9490, 12.1150



135.9720, 32.7340, 12.4940



131.3150, 11.6940, -13.6980



123.4010, -44.1500, -14.8540

Rectangle

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



134.7770, -14.9490, 12.1150



137.5330, 18.1530, 17.9370



131.3150, 11.6940, -13.6980



126.6130, -21.5000, -17.8520

Sweetspot

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



134.7770, -14.9490, 12.1150



209.2260, -6.3280, 4.5520



158.3880, -24.9400, -10.5720



102.8410, -3.8060, 2.8980



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.



134.7770, -14.9490, 12.1150



165.8010, -23.5240, 18.8440



138.3980, -3.3960, 17.5000



79.6130, -3.1640, 2.2760



22.9700, -50.9000, 41.4200



3.7960, -7.9330, 6.1070

Inverse Universe

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



141.4980, 25.2610, 10.2610



176.2010, 39.5190, 16.1830



161.6020, 3.3960, -17.5000



80.8050, 5.0430, 2.2190



45.9900, 86.1900, 34.9100



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 134.7770, -14.9490, 12.1150 looks on a white background.

Color Contrast Check

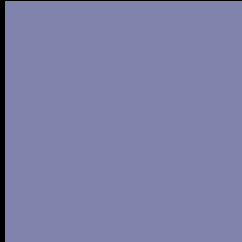
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7770, -14.9490, 12.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

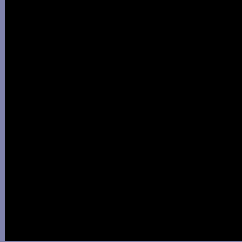
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.7770, -14.9490, 12.1150

Background



This preview shows how black text looks on a background with the YIQ color 134.7770, -14.9490, 12.1150.



This preview shows how white text looks on a background with the YIQ color 134.7770, -14.9490, 12.1150.

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

134.7770, -14.9490, 12.1150

Protanopia

133.9830, -18.5250, 10.8430

Deuteranopia

134.4780, -15.5450, 11.9030



Tritanopia

133.2530, -10.9580, 0.3540

Trichromacy



Original Color

134.7770, -14.9490, 12.1150

Protanomaly

134.5810, -17.3330, 11.2670

Deuteranomaly

134.4780, -15.5450, 11.9030

Tritanomaly

133.7030, -12.1050, 4.6230

Monochromacy



Original Color

134.7770, -14.9490, 12.1150

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9980, -5.6860, 3.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7770, -14.9490, 12.1150 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(128, 131, 172)` looks like.

```
.text, #text, p{  
    color:rgb(128, 131, 172)  
}
```

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(128, 131, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 131, 172) }
```

Border

The CSS property to change the border of an element to YIQ 134.7770, -14.9490, 12.1150 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(128, 131, 172) }
```


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

```
.border{ border-color:rgb(128, 131, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 131, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 131, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 131, 172);  
box-shadow:4px 4px 4px 4px rgb(128, 131,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7770, -14.9490, 12.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 131, 172) }
```

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

```
.background{ background-color: rgb(128,  
131, 172) }
```

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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