

Converting Colors

YIQ(129.4150, -2.0660, 15.4220)

Have a look what the booklet for
YIQ(129.4150, -2.0660, 15.4220)
contains.

YIQ(129.4150, -2.0660, 15.4220)	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(129.4150, -2.0660,
15.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	89789E
RGB	137, 120, 158
RGB Percent	54%, 47%, 62%
CMY	0.4627, 0.5294, 0.3804
CMYK	0.13, 0.24, 0.00, 0.38
HSL	267°, 16%, 55%
HSV	267°, 24%, 62%
XYZ	23.2056, 21.2193, 35.2161
YIQ	129.4150, -2.0660, 15.4220

Conversions

Conversions Part 2

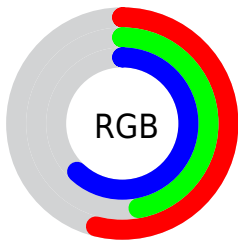
Format	Color
R_{YB}	137, 120, 158
Decimal	9009310
CIE _{Lab}	53.19, 14.28, -17.99
CIE _{LCh}	53, 22.970, 308.428
Yxy	21.2193, 0.2914, 0.2664
Android (android.graphics.Color)	4287199390 (0xFF89789E)
YUV	129.4150, 14.0924, 6.6520
Hunter-Lab	46.0644, 9.3091, -13.0819

Details

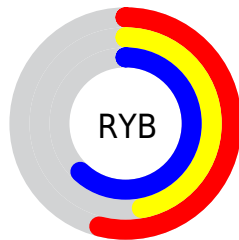
The YIQ color $129.4150, -2.0660, 15.4220$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $148.5850, 2.0660, -15.4220$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.3550, -1.8370, 16.7790$, and $79.8880, -2.0200, 14.5880$ is the 20% darker color. If you saturate the color by 10%, you get $117.3320, -3.0300, 21.8820$, and if you desaturate by 10%, it is $141.4980, -1.1020, 8.9620$.

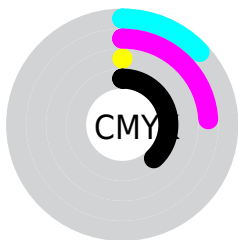
Distribution



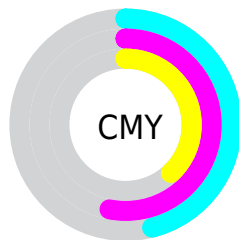
- Red (54%)
- Green (47%)
- Blue (62%)



- Red (54%)
- Yellow (47%)
- Blue (62%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.4150, -2.0660, 15.4220 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 129.4150, -2.0660, 15.4220 by changing the saturation by 10% instead.

■ 129.4150, -2.0660,
15.4220

■ 129.4150, -2.0660,
15.4220

■ 255.0000, -0.0000,
-0.0000

■ 104.0020, -2.3410,
14.8990

■ 182.3550, -1.8370,
16.7790

■ 79.8880, -2.0200,
14.5880

■ 210.3550, -1.8370,
16.7790

■ 56.9480, -2.2490,
13.2310

■ 236.7590, 2.6570,
12.4250

■ 35.1220, -2.7990,
12.1850

■ 11.6710, 0.0890,
14.9130

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,

0.0000

■ 129.4150, -2.0660,
15.4220

■ 129.4150, -2.0660,
15.4220

■ 117.3320, -3.0300,
21.8820

■ 141.4980, -1.1020,
8.9620

■ 105.5480, -3.3980,
28.5540

■ 153.2820, -0.7340,
2.2900

■ 94.0520, -4.6370,
34.4910

■ 164.7780, 0.5050,
-3.6470

■ 81.9690, -5.6010,
40.9510

■ 176.8610, 1.4690,
-10.1070

■ 69.8860, -6.5650,
47.4110

■ 188.9440, 2.4330,
-16.5670

■ 58.1020, -6.9330,
54.0830

■ 200.7280, 2.8010,
-23.2390

■ 46.0190, -7.8970,
60.5430

■ 212.8110, 3.7650,
-29.6990

■ 39.2410, -8.4020,
64.1900

■ 224.3070, 5.0040,
-35.6360

■ 232.2810, 7.8930,
-38.4350

Harmonies

Analogous

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



126.3630, -22.6510, 8.5250



129.4150, -2.0660, 15.4220



130.0490, 16.6400, 17.8240

Triad

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



129.4150, -2.0660, 15.4220



127.1480, 28.7020, -2.5460



117.2830, -38.0060, -16.0700

Complementary

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



129.4150, -2.0660, 15.4220



148.5850, 2.0660, -15.4220

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.



120.3960, -19.3910, -17.5270



129.4150, -2.0660, 15.4220



125.8320, 17.6080, -10.7440

Square

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



129.4150, -2.0660, 15.4220



128.5820, 33.6520, 6.8680



123.1010, 0.5530, -15.5350



117.3670, -46.8100, -10.6980

Rectangle

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



129.4150, -2.0660, 15.4220



130.0730, 25.2600, 15.7880



123.1010, 0.5530, -15.5350



118.2790, -32.1830, -16.9750

Sweetspot

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



129.4150, -2.0660, 15.4220



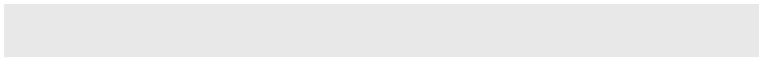
195.8030, -0.6430, 6.1490



137.2460, -18.2480, 0.3120



98.2220, -0.5050, 3.6470



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



129.4150, -2.0660, 15.4220



161.6140, -3.7640, 24.1720



134.7970, 8.6620, 19.2380



73.1080, -0.1840, 3.3360



35.4380, -7.7590, 58.0410



3.8030, -0.6430, 6.1490

Inverse Universe

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



133.7560, 15.9070, 14.5870



168.7020, 25.1670, 22.9830



143.2030, -8.6620, -19.2380



73.9620, 3.1630, 3.2510



51.7630, 59.8690, 54.8850



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 129.4150, -2.0660, 15.4220 looks on a white background.

Color Contrast Check

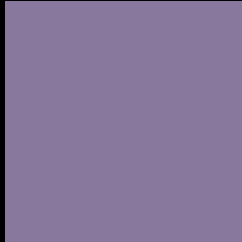
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.4150, -2.0660, 15.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

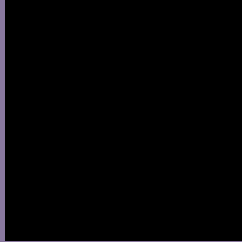
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.4150, -2.0660, 15.4220

Background



This preview shows how black text looks on a background with the YIQ color 129.4150, -2.0660, 15.4220.



This preview shows how white text looks on a background with the YIQ color 129.4150, -2.0660,

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

129.4150, -2.0660, 15.4220

Protanopia

127.7120, -16.3240, 9.5000

Deuteranopia

127.7620, -10.5930, 10.2630



Tritanopia

127.8310, 2.1540, 5.0180

Trichromacy



Original Color

129.4150, -2.0660, 15.4220

Protanomaly

128.5170, -11.2810, 11.7190

Deuteranomaly

128.6700, -7.3380, 11.8460

Tritanomaly

128.5690, 0.1360, 8.5520

Monochromacy



Original Color

129.4150, -2.0660, 15.4220

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.3900, -0.9180, 5.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.4150, -2.0660, 15.4220 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(137, 120, 158)` looks like.

```
.text, #text, p{  
    color:rgb(137, 120, 158)  
}
```

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(137, 120, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 120, 158) }
```

Border

The CSS property to change the border of an element to YIQ 129.4150, -2.0660, 15.4220 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(137, 120, 158) }
```


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

```
.border{ border-color:rgb(137, 120, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 120, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 120, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 120, 158);  
box-shadow:4px 4px 4px 4px rgb(137, 120,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 129.4150, -2.0660, 15.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 120, 158) }
```

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

```
.background{ background-color: rgb(137,  
120, 158) }
```

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