

Converting Colors

YIQ(130.7670, -8.9890, 14.2350)

Have a look what the booklet for
YIQ(130.7670, -8.9890, 14.2350)
contains.

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Color

**YIQ(130.7670, -8.9890,
14.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	837CA5
RGB	131, 124, 165
RGB Percent	51%, 49%, 65%
CMY	0.4862, 0.5137, 0.3530
CMYK	0.21, 0.25, 0.00, 0.35
HSL	250°, 19%, 57%
HSV	250°, 25%, 65%
XYZ	23.3590, 21.9567, 38.5960
YIQ	130.7670, -8.9890, 14.2350

Conversions

Conversions Part 2

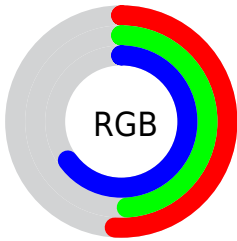
Format	Color
R_{YB}	131, 124, 165
Decimal	8617125
CIE _{Lab}	53.98, 11.55, -20.89
CIE _{LCh}	54, 23.867, 298.938
Yxy	21.9567, 0.2784, 0.2617
Android (android.graphics.Color)	4286807205 (0xFF837CA5)
YUV	130.7670, 16.8769, 0.2043
Hunter-Lab	46.8580, 6.9818, -16.0354

Details

The YIQ color **130.7670, -8.9890, 14.2350** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.2330, 8.9890, -14.2350**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.9950, -9.6310, 14.8570**, and **81.1260, -8.6220, 13.0900** is the 20% darker color. If you saturate the color by 10%, you get **117.1890, -12.9330, 19.6350**, and if you desaturate by 10%, it is **144.3450, -5.0450, 8.8350**.

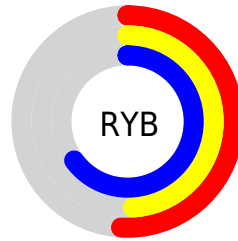
Distribution



Red (51%)

Green (49%)

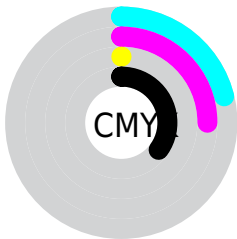
Blue (65%)



Red (51%)

Yellow (49%)

Blue (65%)

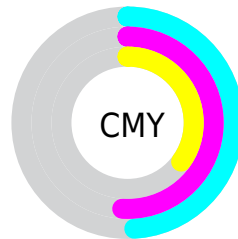


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.7670, -8.9890, 14.2350 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 130.7670, -8.9890, 14.2350 by changing the saturation by 10% instead.

■ 130.7670, -8.9890,
14.2350

■ 130.7670, -8.9890,
14.2350

■ 255.0000, -0.0000,
-0.0000

■ 105.3540, -9.2640,
13.7120

■ 184.2940, -9.0350,
15.0690

■ 81.1260, -8.6220,
13.0900

■ 211.5220, -9.6770,
15.6910

■ 58.1860, -8.8510,
11.7330

■ 237.3130, -2.0190,
9.0610

■ 35.7730, -9.1260,
11.2100

■ 13.7840, -7.6590,
12.1570

■ 3.0950, -7.3370,
6.3190

■ 0.0000, 0.0000,

0.0000

■ 130.7670, -8.9890,
14.2350

■ 130.7670, -8.9890,
14.2350

■ 117.1890,
-12.9330, 19.6350

■ 144.3450, -5.0450,
8.8350

■ 103.3230,
-16.0060, 25.7700

■ 158.2110, -1.9720,
2.7000

■ 89.7450, -19.9500,
31.1700

■ 171.7890, 1.9720,
-2.7000

■ 75.5800, -23.6190,
37.0930

■ 185.9540, 5.6410,
-8.6230

■ 62.3010, -26.9670,
42.7050

■ 199.2330, 8.9890,
-14.2350

■ 48.1360, -30.6360,
48.6280

■ 213.3980, 12.6580,
-20.1580

■ 34.5580, -34.5800,
54.0280

■ 226.9760, 16.6020,
-25.5580

■ 27.1820, -36.2770,
57.2510

■ 240.2550, 19.9500,
-31.1700

■ 244.4410, 28.2940,
-28.2020

Harmonies

Analogous

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



126.4760, -30.3990, 5.7690



130.7670, -8.9890, 14.2350



132.2380, 11.7340, 18.6300

Triad

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



130.7670, -8.9890, 14.2350



129.8820, 32.5070, 0.0830



119.4960, -34.2920, -17.3000

Complementary

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



130.7670, -8.9890, 14.2350



158.2330, 8.9890, -14.2350

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.



122.8050, -13.2930, -17.9090



130.7670, -8.9890, 14.2350



127.6370, 22.6510, -8.5250

Square

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



130.7670, -8.9890, 14.2350



130.8750, 34.3850, 10.1050



126.0370, 6.6050, -15.0830



118.1880, -47.8640, -13.6240

Rectangle

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



130.7670, -8.9890, 14.2350



132.5720, 22.4170, 17.7530



126.0370, 6.6050, -15.0830



120.6770, -27.5520, -18.3040

Sweetspot

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



130.7670, -8.9890, 14.2350



201.6070, -3.0270, 5.3010



148.6320, -22.5110, -5.0310



100.2110, -1.9720, 2.7000



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



130.7670, -8.9890, 14.2350



160.5850, -13.9880, 22.2360



136.7470, 2.9310, 18.4750



74.6240, -1.6970, 3.2230



24.0050, -31.6450, 50.3950



2.9490, -3.9900, 6.2340

Inverse Universe

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



140.1350, 13.5220, 19.2660



175.1780, 21.1310, 30.0510



152.2530, -2.9310, -18.4750



76.4890, 3.1170, 4.0850



57.0350, 47.9000, 68.0600



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 130.7670, -8.9890, 14.2350 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 130.7670, -8.9890, 14.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

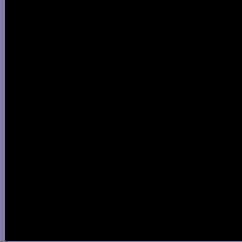
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.7670, -8.9890, 14.2350

Background



This preview shows how black text looks on a background with the YIQ color 130.7670, -8.9890, 14.2350.



This preview shows how white text looks on a background with the YIQ color 130.7670, -8.9890,

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

130.7670, -8.9890, 14.2350

Protanopia

129.5700, -18.8000, 10.3200

Deuteranopia

130.0220, -14.2610, 10.6590



Tritanopia

129.2430, -4.9980, 2.4740

Trichromacy



Original Color

130.7670, -8.9890, 14.2350

Protanomaly

130.3640, -15.2240, 11.5920

Deuteranomaly

130.3320, -12.1980, 11.8180

Tritanomaly

129.6930, -6.1450, 6.7430

Monochromacy



Original Color

130.7670, -8.9890, 14.2350

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6070, -3.0270, 5.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.7670, -8.9890, 14.2350 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(131, 124, 165)` looks like.

```
.text, #text, p{  
    color:rgb(131, 124, 165)  
}
```

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(131, 124, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 124, 165) }
```

Border

The CSS property to change the border of an element to YIQ 130.7670, -8.9890, 14.2350 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(131, 124, 165) }
```


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

```
.border{ border-color:rgb(131, 124, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 124, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 124, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 124, 165);  
box-shadow:4px 4px 4px 4px rgb(131, 124,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 130.7670, -8.9890, 14.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 124, 165) }
```

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

```
.background{ background-color: rgb(131,  
124, 165) }
```

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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