

Converting Colors

YIQ(130.5070, -5.3210, 13.8390)

Have a look what the booklet for
YIQ(130.5070, -5.3210, 13.8390)
contains.

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Color

**YIQ(130.5070, -5.3210,
13.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	867BA0
RGB	134, 123, 160
RGB Percent	53%, 48%, 63%
CMY	0.4745, 0.5177, 0.3726
CMYK	0.16, 0.23, 0.00, 0.37
HSL	258°, 16%, 55%
HSV	258°, 23%, 63%
XYZ	23.2600, 21.7718, 36.2283
YIQ	130.5070, -5.3210, 13.8390

Conversions

Conversions Part 2

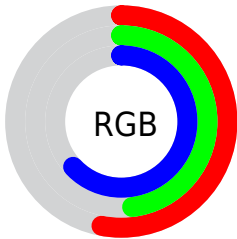
Format	Color
RYB	134, 123, 160
Decimal	8813472
CIELab	53.78, 11.95, -18.27
CIElCh	54, 21.834, 303.196
Yxy	21.7718, 0.2862, 0.2679
Android (android.graphics.Color)	4287003552 (0xFF867BA0)
YUV	130.5070, 14.5400, 3.0634
Hunter-Lab	46.6602, 7.3262, -13.3723

Details

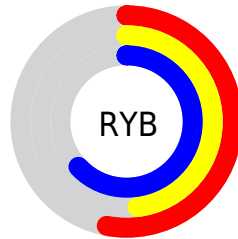
The YIQ color **130.5070, -5.3210, 13.8390** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **152.4930, 5.3210, -13.8390**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4470, -5.0920, 15.1960**, and **80.8660, -4.9540, 12.6940** is the 20% darker color. If you saturate the color by 10%, you get **117.8260, -7.4770, 19.8750**, and if you desaturate by 10%, it is **143.1880, -3.1650, 7.8030**.

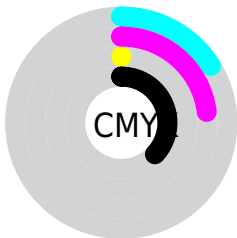
Distribution



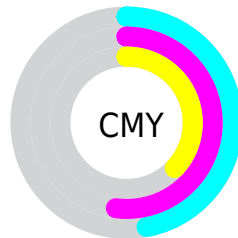
- Red (53%)
- Green (48%)
- Blue (63%)



- Red (53%)
- Yellow (48%)
- Blue (63%)



- Cyan (16%)
- Magenta (23%)
- Yellow (0%)
- Black (37%)



- Cyan (47%)
- Magenta (52%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.5070, -5.3210, 13.8390 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 130.5070, -5.3210, 13.8390 by changing the saturation by 10% instead.

■ 130.5070, -5.3210,
13.8390

■ 130.5070, -5.3210,
13.8390

■ 255.0000, -0.0000,
-0.0000

■ 105.0940, -5.5960,
13.3160

■ 183.4470, -5.0920,
15.1960

■ 80.8660, -4.9540,
12.6940

■ 211.1480, -5.6880,
14.9840

■ 58.0400, -5.5040,
11.6480

■ 237.6230, 0.0440,
10.2200

■ 35.9260, -5.1830,
11.3370

■ 13.9370, -3.7160,
12.2840

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,

0.0000

■ 130.5070, -5.3210,
13.8390

■ 130.5070, -5.3210,
13.8390

■ 117.8260, -7.4770,
19.8750

■ 143.1880, -3.1650,
7.8030

■ 105.1450, -9.6330,
25.9110

■ 155.8690, -1.0090,
1.7670

■ 92.1650, -12.3850,
31.7350

■ 168.8490, 1.7430,
-4.0570

■ 79.4840, -14.5410,
37.7710

■ 181.5300, 3.8990,
-10.0930

■ 66.8030, -16.6970,
43.8070

■ 194.2110, 6.0550,
-16.1290

■ 54.1220, -18.8530,
49.8430

■ 206.8920, 8.2110,
-22.1650

■ 41.1420, -21.6050,
55.6670

■ 219.8720, 10.9630,
-27.9890

■ 32.5920, -22.7520,
59.9360

■ 232.5530, 13.1190,
-34.0250

■ 238.1900, 18.5750,
-33.7850

Harmonies

Analogous

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



127.5260, -24.6680, 6.5320



130.5070, -5.3210, 13.8390



131.3690, 12.7430, 16.8630

Triad

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



130.5070, -5.3210, 13.8390



129.2020, 28.6100, -0.8780



120.0340, -32.8710, -15.5190

Complementary

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



130.5070, -5.3210, 13.8390



152.4930, 5.3210, -13.8390

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.



122.3750, -14.8980, -16.3540



130.5070, -5.3210, 13.8390



127.3700, 19.0290, -8.9630

Square

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



130.5070, -5.3210, 13.8390



130.7390, 31.7720, 7.9000



125.5960, 3.5330, -14.4750



119.4060, -42.5460, -10.8820

Rectangle

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



130.5070, -5.3210, 13.8390



131.5180, 22.5090, 16.0850



125.5960, 3.5330, -14.4750



121.0300, -27.0480, -16.4240

Sweetspot

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



130.5070, -5.3210, 13.8390



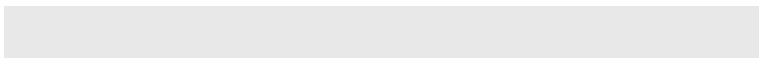
197.2050, -1.8350, 5.7250



143.0670, -19.3020, -2.6140



97.9230, -1.1010, 3.4350



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.



130.5070, -5.3210, 13.8390



162.6950, -8.4860, 21.6420



135.8890, 5.4070, 17.6550



72.5100, -1.3760, 2.9120



29.1590, -20.2750, 53.5890



3.2050, -1.8350, 5.7250

Inverse Universe

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



137.0270, 13.7060, 15.9300



173.0160, 21.4070, 25.0470



147.1110, -5.4070, -17.6550



74.0760, 2.8420, 3.5620



54.1570, 53.1280, 61.4160



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 130.5070, -5.3210, 13.8390 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 130.5070, -5.3210, 13.8390 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 130.5070, -5.3210, 13.8390

Background



This preview shows how black text looks on a background with the YIQ color 130.5070, -5.3210, 13.8390.



This preview shows how white text looks on a background with the YIQ color 130.5070, -5.3210,

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

130.5070, -5.3210, 13.8390

Protanopia

129.0110, -15.7280, 9.7120

Deuteranopia

129.4630, -11.1890, 10.0510



Tritanopia

129.0370, -1.4220, 3.7460

Trichromacy



Original Color

130.5070, -5.3210, 13.8390

Protanomaly

129.8050, -12.1520, 10.9840

Deuteranomaly

129.7730, -9.1260, 11.2100

Tritanomaly

129.6610, -3.1190, 6.9690

Monochromacy



Original Color

130.5070, -5.3210, 13.8390

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.7920, -2.1100, 5.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5070, -5.3210, 13.8390 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(134, 123, 160)` looks like.

```
.text, #text, p{  
    color:rgb(134, 123, 160)  
}
```

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(134, 123, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 123, 160) }
```

Border

The CSS property to change the border of an element to YIQ 130.5070, -5.3210, 13.8390 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(134, 123, 160) }
```


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

```
.border{ border-color:rgb(134, 123, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 123, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 123, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 123, 160);  
box-shadow:4px 4px 4px 4px rgb(134, 123,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5070, -5.3210, 13.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 123, 160) }
```

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

```
.background{ background-color: rgb(134,  
123, 160) }
```

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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