

Converting Colors

YIQ(124.7990, 13.2070,
-13.5850)

Have a look what the booklet for
YIQ(124.7990, 13.2070, -13.5850)
contains.

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Color

**YIQ(124.7990, 13.2070,
-13.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	818257
RGB	129, 130, 87
RGB Percent	51%, 51%, 34%
CMY	0.4941, 0.4902, 0.6587
CMYK	0.01, 0.00, 0.33, 0.49
HSL	61°, 20%, 43%
HSV	61°, 33%, 51%
XYZ	18.7560, 21.3204, 12.1482
YIQ	124.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

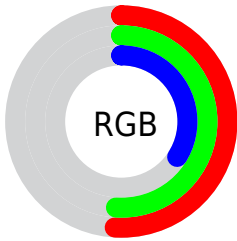
Format	Color
RYB	87, 130, 88
Decimal	8487511
CIELab	53.30, -7.60, 23.20
CIElCh	53, 24.412, 108.147
Yxy	21.3204, 0.3591, 0.4082
Android (android.graphics.Color)	4286677591 (0xFF818257)
YUV	124.7990, -18.6349, 3.6843
Hunter-Lab	46.1740, -8.2973, 16.7228

Details

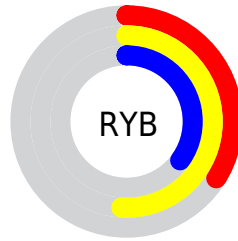
The YIQ color **124.7990, 13.2070, -13.5850** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **92.2010, -13.2070, 13.5850**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4570, 14.1700, -14.5180**, and **75.8420, 11.6480, -12.8640** is the 20% darker color. If you saturate the color by 10%, you get **123.3170, 17.3800, -17.6280**, and if you desaturate by 10%, it is **126.2810, 9.0340, -9.5420**.

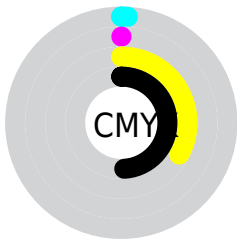
Distribution



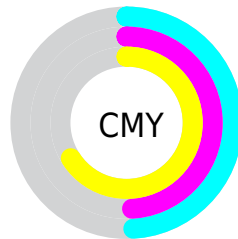
- Red (51%)
- Green (51%)
- Blue (34%)



- Red (34%)
- Yellow (51%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7990, 13.2070, -13.5850 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 124.7990, 13.2070, -13.5850 by changing the saturation by 10% instead.

■ 124.7990, 13.2070,
-13.5850

■ 124.7990, 13.2070,
-13.5850

■ 255.0000, -0.0000,
-0.0000

■ 99.6140, 12.2900,
-13.4860

■ 177.4570, 14.1700,
-14.5180

■ 75.8420, 11.6480,
-12.8640

■ 204.7560, 14.7660,
-14.3060

■ 52.6570, 10.7310,
-12.7650

■ 233.5280, 15.4080,
-14.9280

■ 31.5970, 10.9600,
-11.4080

■ 250.8960, 11.5560,
-11.1960

■ 9.3920, -4.4000,
-8.3680

■ 254.0880, 2.5680,
-2.4880

■ 0.0000, 0.0000,
0.0000

■ 124.7990, 13.2070,
-13.5850

■ 124.7990, 13.2070,
-13.5850

■ 123.3170, 17.3800,
-17.6280

■ 126.2810, 9.0340,
-9.5420

■ 121.5360, 20.9570,
-21.8830

■ 128.0620, 5.4570,
-5.2870

■ 120.0540, 25.1300,
-25.9260

■ 129.5440, 1.2840,
-1.2440

■ 118.5720, 29.3030,
-29.9690

■ 131.0260, -2.8890,
2.7990

■ 116.7910, 32.8800,
-34.2240

■ 132.8070, -6.4660,
7.0540

■ 115.3090, 37.0530,
-38.2670

■ 134.2890,
-10.6390, 11.0970

■ 114.2830, 39.9420,
-41.0660

■ 135.7710,
-14.8120, 15.1400

■ 137.2530,

-18.9850, 19.1830

■ 139.0340,
-22.5620, 23.4380

Harmonies

Analogous

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



126.8550, 27.9690, -5.7830



124.7990, 13.2070, -13.5850



121.9260, -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.



124.7990, 13.2070, -13.5850



117.2680, -50.8450, -9.1570



130.0990, 22.3710, 18.5870

Complementary

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



124.7990, 13.2070, -13.5850



92.2010, -13.2070, 13.5850

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.



130.5900, 4.8110, 17.4430



124.7990, 13.2070, -13.5850



122.6490, -38.3760, 1.6560

Square

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



124.7990, 13.2070, -13.5850



116.0910, -46.2130, -16.0130



127.9940, -17.0580, 11.7900



129.3850, 33.0090, 13.0170

Rectangle

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



124.7990, 13.2070, -13.5850



120.2710, -20.5370, -18.7850



127.9940, -17.0580, 11.7900



130.7610, 17.5110, 18.5590

Sweetspot

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



124.7990, 13.2070, -13.5850



166.0620, 5.4570, -5.2870



100.4440, 25.3530, 8.5930



82.8600, 3.2100, -3.1100



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



124.7990, 13.2070, -13.5850



160.0630, 20.9110, -21.0490



118.5200, 0.6910, -18.0370



63.2020, 2.2470, -2.1770



112.5110, 39.3000, -40.4440



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.2010, -13.2070, 13.5850



109.2360, -20.3150, 21.2610



98.4800, -0.6910, 18.0370



58.0970, -1.6510, 2.3890



15.4890, -39.3000, 40.4440



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 124.7990, 13.2070, -13.5850 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 124.7990, 13.2070, -13.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

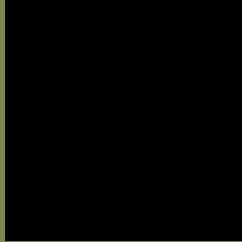
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.7990, 13.2070, -13.5850

Background



This preview shows how black text looks on a background with the YIQ color 124.7990, 13.2070, -13.5850.



This preview shows how white text looks on a background with the YIQ color 124.7990, 13.2070,

-13.5850.

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

124.7990, 13.2070, -13.5850

Protanopia

125.6150, 19.7170, -10.4190

Deuteranopia

127.2080, 28.4730, -3.9030



Tritanopia

128.4290, 3.3460, 5.4420

Trichromacy



Original Color

124.7990, 13.2070, -13.5850

Protanomaly

125.3050, 17.6540, -11.5780

Deuteranomaly

126.4630, 23.2010, -7.4790

Tritanomaly

127.0670, 7.0610, -1.3150

Monochromacy



Original Color

124.7990, 13.2070, -13.5850

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8770, 4.5400, -5.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7990, 13.2070, -13.5850 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(129, 130, 87)` looks like.

```
.text, #text, p{  
    color:rgb(129, 130, 87)  
}
```

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(129, 130, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 130, 87) }
```

Border

The CSS property to change the border of an element to YIQ 124.7990, 13.2070, -13.5850 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(129, 130, 87) }
```


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

```
.border{ border-color:rgb(129, 130, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 130, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 130, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 130, 87);  
box-shadow:4px 4px 4px 4px rgb(129, 130,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7990, 13.2070, -13.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 130, 87) }
```

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

```
.background{ background-color: rgb(129,  
130, 87) }
```

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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