

Converting Colors

YIQ(13.9250, 4.5850, -0.4950)

Have a look what the booklet for
YIQ(13.9250, 4.5850, -0.4950)
contains.

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Color

**YIQ(13.9250, 4.5850,
-0.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	120D08
RGB	18, 13, 8
RGB Percent	7%, 5%, 3%
CMY	0.9294, 0.9490, 0.9686
CMYK	0.00, 0.28, 0.56, 0.93
HSL	30°, 38%, 5%
HSV	30°, 56%, 7%
XYZ	0.4373, 0.4340, 0.2906
YIQ	13.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

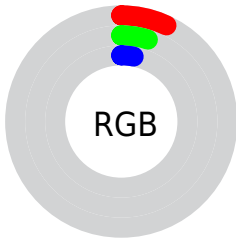
Format	Color
RYB	18, 18, 8
Decimal	1182984
CIELab	3.92, 1.02, 2.60
CIElCh	4, 2.793, 68.680
Yxy	0.4340, 0.3764, 0.3735
Android (android.graphics.Color)	4279373064 (0xFF120D08)
YUV	13.9250, -2.9210, 3.5738
Hunter-Lab	6.5875, 0.3199, 1.9957

Details

The YIQ color **13.9250, 4.5850, -0.4950** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **12.0750, -4.5850, 0.4950**, and the grayscale version is **14.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **56.8540, 3.3470, -0.0850**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **13.1100, 5.5020, -0.5940**, and if you desaturate by 10%, it is **14.7400, 3.6680, -0.3960**.

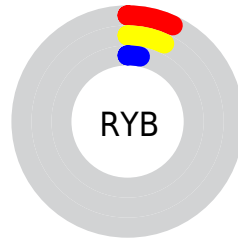
Distribution



Red (7%)

Green (5%)

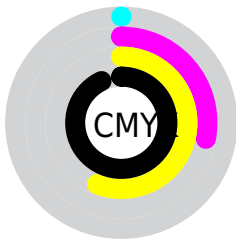
Blue (3%)



Red (7%)

Yellow (7%)

Blue (3%)

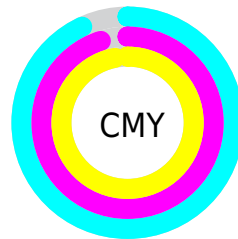


Cyan (0%)

Magenta (28%)

Yellow (56%)

Black (93%)



Cyan (93%)

Magenta (95%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 13.9250, 4.5850, -0.4950 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 13.9250, 4.5850, -0.4950 by changing the saturation by 10% instead.

■ 13.9250, 4.5850,
-0.4950

■ 13.9250, 4.5850,
-0.4950

■ 238.0390, 4.2640,
-0.1840

■ 0.0000, 0.0000,
0.0000

■ 56.8540, 3.3470,
-0.0850

■ 79.8540, 3.3470,
-0.0850

■ 103.8540, 3.3470,
-0.0850

■ 129.0390, 4.2640,
-0.1840

■ 155.0390, 4.2640,
-0.1840

■ 182.0390, 4.2640,

-0.1840

■ 209.0390, 4.2640,
-0.1840

■ 13.9250, 4.5850,
-0.4950

■ 13.9250, 4.5850,
-0.4950

■ 13.1100, 5.5020,
-0.5940

■ 14.7400, 3.6680,
-0.3960

■ 12.2950, 6.4190,
-0.6930

■ 15.5550, 2.7510,
-0.2970

■ 11.5940, 7.0150,
-0.4810

■ 16.2560, 2.1550,
-0.5090

■ 10.7790, 7.9320,
-0.5800

■ 17.0710, 1.2380,
-0.4100

■ 10.6650, 8.2530,
-0.8910

■ 17.8860, 0.3210,
-0.3110

■ 18.1140, -0.3210,
0.3110

■ 18.9290, -1.2380,
0.4100

■ 19.6300, -1.8340,
0.1980

■ 20.4450, -2.7510,
0.2970

Harmonies

Analogous

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



13.8650, 4.8140, 0.8620



13.9250, 4.5850, -0.4950



13.6150, 2.5220, -1.6540

Triad

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



13.9250, 4.5850, -0.4950



13.1950, -5.0430, -2.2190



14.1680, -0.4130, 1.9790

Complementary

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



13.9250, 4.5850, -0.4950



12.0750, -4.5850, 0.4950

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.



13.9720, -2.7970, 1.1310



13.9250, 4.5850, -0.4950



12.8360, -5.4100, -1.0740

Square

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



13.9250, 4.5850, -0.4950



12.8640, -2.6130, -2.2050



13.5480, -4.5390, -0.3390



14.2500, 2.2920, 2.5160

Rectangle

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



13.9250, 4.5850, -0.4950



13.6040, 1.0550, -2.6010



13.5480, -4.5390, -0.3390



13.8690, -1.0090, 1.7670

Sweetspot

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



13.9250, 4.5850, -0.4950



21.3700, 1.8340, -0.1980



11.5600, 4.3550, 3.6750



11.4840, 1.5130, 0.1130



140.0000, 0.0000, 0.0000



13.0000, -0.0000, -0.0000

Same Dimension

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



13.9250, 4.5850, -0.4950



16.5940, 7.0150, -0.4810



16.8600, 3.2100, -3.1100



9.8860, 0.3210, -0.3110



43.8450, 33.9290, -3.6630



119.3860, 92.0210, -10.2110

Inverse Universe

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



12.0750, -4.5850, 0.4950



13.8190, -6.7400, 1.0040



9.1400, -3.2100, 3.1100



9.7010, -0.5960, -0.2120



30.1550, -33.9290, 3.6630



82.2010, -92.2960, 9.6880

Previews

White Background



This preview shows how the YIQ color 13.9250, 4.5850, -0.4950 looks on a white background.

Color Contrast Check

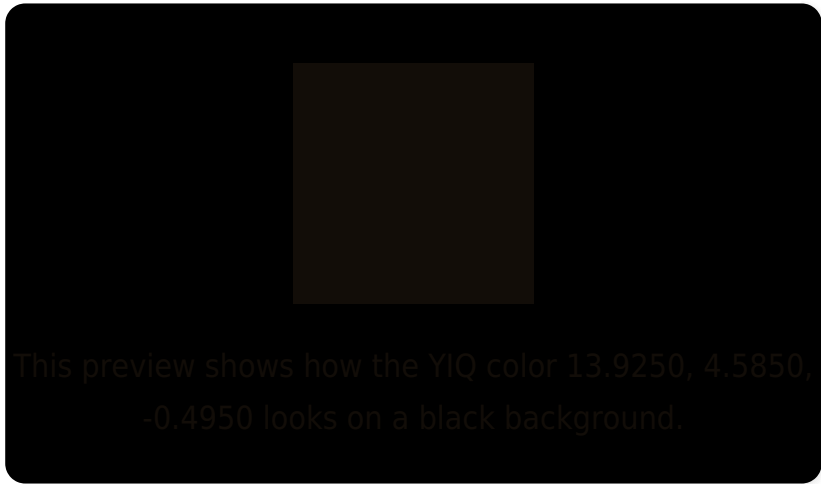
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

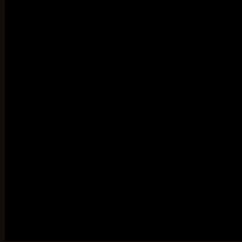
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 13.9250, 4.5850, -0.4950

Background



This preview shows how black text looks on a background with the YIQ color 13.9250, 4.5850, -0.4950.



This preview shows how white text looks on a background with the YIQ color 13.9250, 4.5850,

-0.4950.

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

13.9250, 4.5850, -0.4950

Protanopia

13.6150, 2.5220, -1.6540

Deuteranopia

13.6260, 3.9890, -0.7070



Tritanopia

13.9080, 3.2550, 1.5830

Trichromacy



Original Color

13.9250, 4.5850, -0.4950

Protanomaly

13.9140, 3.1180, -1.4420

Deuteranomaly

13.6260, 3.9890, -0.7070

Tritanomaly

13.6800, 3.8970, 0.9610

Monochromacy



Original Color

13.9250, 4.5850, -0.4950

Achromatopsia

14.0000, -0.0000, 0.0000

Achromatomaly

14.0710, 1.2380, -0.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 13.9250, 4.5850, -0.4950 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(18, 13, 8)` looks like.

```
.text, #text, p{  
    color:rgb(18, 13, 8)  
}
```

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(18, 13, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 13, 8) }
```

Border

The CSS property to change the border of an element to YIQ 13.9250, 4.5850, -0.4950 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(18, 13, 8) }
```


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

```
.border{ border-color:rgb(18, 13, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 13, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 13, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(18, 13, 8); box-shadow:4px  
4px 4px 4px rgb(18, 13, 8) }
```

Background

The CSS property to change the background color of an element to YIQ 13.9250, 4.5850, -0.4950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 13, 8) }
```

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

```
.background{ background-color: rgb(18, 13,  
8) }
```

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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