

Converting Colors

YIQ(13.2450, 9.8560, 8.6080)

Have a look what the booklet for
YIQ(13.2450, 9.8560, 8.6080)
contains.

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Color

YIQ(13.2450, 9.8560, 8.6080)

Conversions

Conversions Part 1

Format	Color
Hex	1C0511
RGB	28, 5, 17
RGB Percent	11%, 2%, 7%
CMY	0.8901, 0.9804, 0.9333
CMYK	0.00, 0.82, 0.39, 0.89
HSL	329°, 70%, 6%
HSV	329°, 82%, 11%
XYZ	0.6347, 0.3959, 0.5736
YIQ	13.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

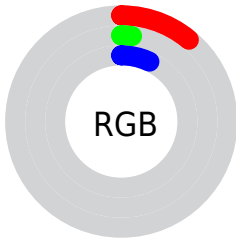
Format	Color
RYB	28, 5, 17
Decimal	1836305
CIELab	3.58, 10.59, -2.04
CIElCh	4, 10.780, 349.101
Yxy	0.3959, 0.3957, 0.2468
Android (android.graphics.Color)	4280026385 (0xFF1C0511)
YUV	13.2450, 1.8512, 12.9401
Hunter-Lab	6.2923, 6.9945, -1.0002

Details

The YIQ color **13.2450, 9.8560, 8.6080** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **19.7550, -9.8560, -8.6080**, and the grayscale version is **13.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **57.5930, 8.7560, 6.5160**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.3700, 11.0020, 9.8660**, and if you desaturate by 10%, it is **15.1200, 8.7100, 7.3500**.

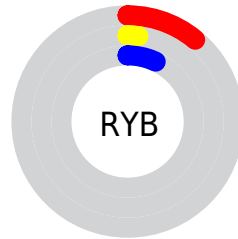
Distribution



Red (11%)

Green (2%)

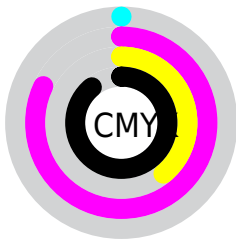
Blue (7%)



Red (11%)

Yellow (2%)

Blue (7%)

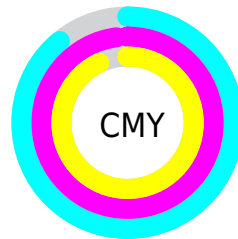


Cyan (0%)

Magenta (82%)

Yellow (39%)

Black (89%)



Cyan (89%)

Magenta (98%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 13.2450, 9.8560, 8.6080 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 13.2450, 9.8560, 8.6080 by changing the saturation by 10% instead.

■ 13.2450, 9.8560,
8.6080

■ 13.2450, 9.8560,
8.6080

■ 238.7290, 11.3690,
8.7210

■ 0.0000, 0.0000,
0.0000

■ 57.5930, 8.7560,
6.5160

■ 80.3050, 9.6270,
7.2510

■ 104.7180, 9.9020,
7.7740

■ 130.0170, 10.4980,
7.9860

■ 156.0170, 10.4980,
7.9860

■ 182.7290, 11.3690,

8.7210

■ 210.6150, 11.6900,
8.4100

■ 13.2450, 9.8560,
8.6080

■ 13.2450, 9.8560,
8.6080

■ 11.3700, 11.0020,
9.8660

■ 15.1200, 8.7100,
7.3500

■ 10.0820, 11.8730,
10.6010

■ 17.1090, 7.2430,
6.4030

■ 18.3970, 6.3720,
5.6680

■ 20.2720, 5.2260,
4.4100

■ 22.2610, 3.7590,
3.4630

■ 24.1360, 2.6130,
2.2050

■ 26.0110, 1.4670,
0.9470

■ 27.4130, 0.2750,
0.5230

■ 29.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



13.4230, 3.4830, 8.4670



13.2450, 9.8560, 8.6080



12.4750, 14.9000, 5.3000

Triad

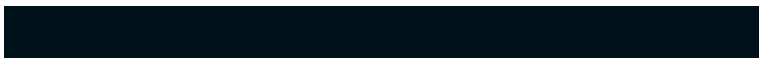
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.2450, 9.8560, 8.6080



12.0940, 2.4310, -5.5130



13.4160, -12.9750, -1.6390

Complementary

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



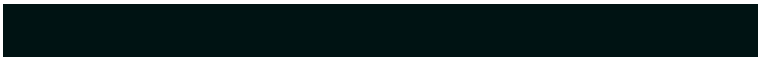
13.2450, 9.8560, 8.6080



19.7550, -9.8560, -8.6080

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.



13.3190, -11.3240, -4.0280



13.2450, 9.8560, 8.6080



9.9790, -4.6750, -8.8910

Square

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



13.2450, 9.8560, 8.6080



12.7360, 9.4910, -1.3010



12.0650, -7.7930, -7.4490



11.9970, -13.1130, 0.8630

Rectangle

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



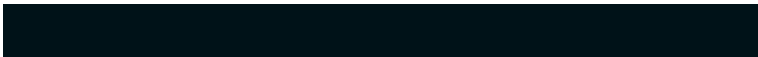
13.2450, 9.8560, 8.6080



12.4920, 16.2300, 3.2220



12.0650, -7.7930, -7.4490



13.3020, -12.6540, -1.9500

Sweetspot

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



13.2450, 9.8560, 8.6080



30.1470, 4.0800, 3.1520



10.9110, -0.8270, 9.4850



14.1360, 2.6130, 2.2050



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



13.2450, 9.8560, 8.6080



12.9300, 15.3570, 13.5410



11.9910, 13.3870, 5.1870



11.7120, 0.8710, 0.7350



27.5830, 33.0520, 28.7640



73.0800, 87.5580, 76.2140

Inverse Universe

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



13.2450, 9.8560, 8.6080



12.9300, 15.3570, 13.5410



21.0090, -13.3870, -5.1870



11.7120, 0.8710, 0.7350



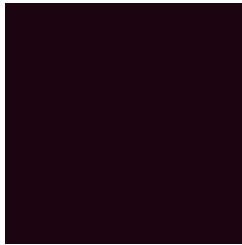
27.5830, 33.0520, 28.7640



73.0800, 87.5580, 76.2140

Previews

White Background



This preview shows how the YIQ color 13.2450, 9.8560, 8.6080 looks on a white background.

Color Contrast Check

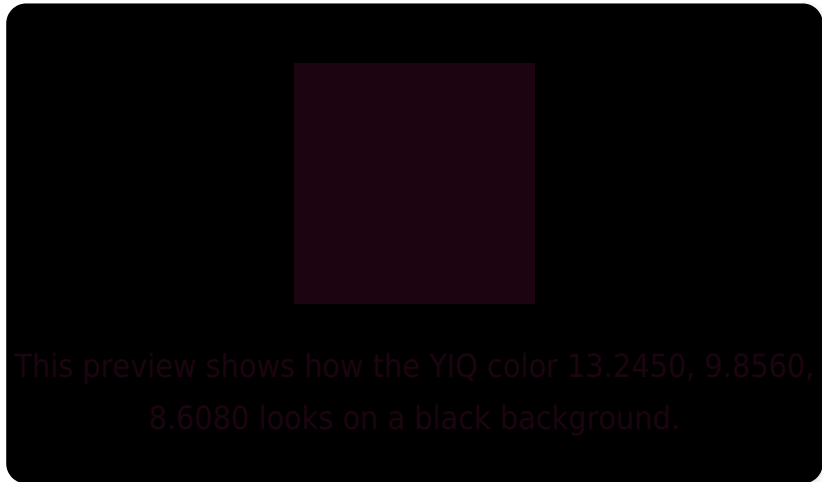
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2450, 9.8560, 8.6080

Background



This preview shows how black text looks on a background with the YIQ color 13.2450, 9.8560, 8.6080.



This preview shows how white text looks on a background with the YIQ color 13.2450, 9.8560, 8.6080.

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

13.2450, 9.8560, 8.6080

Protanopia

15.0150, -4.3560, 1.8520

Deuteranopia

15.4130, 0.2750, 0.5230



Tritanopia

13.6810, 11.3240, 4.0280

Trichromacy



Original Color

13.2450, 9.8560, 8.6080

Protanomaly

14.2330, 0.9620, 4.5940

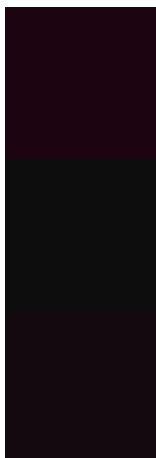
Deuteranomaly

14.2610, 3.7590, 3.4630

Tritanomaly

13.4360, 10.6360, 5.4840

Monochromacy



Original Color

13.2450, 9.8560, 8.6080

Achromatopsia

13.0000, -0.0000, -0.0000

Achromatomaly

12.8480, 3.4840, 2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 13.2450, 9.8560, 8.6080 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(28, 5, 17)` looks like.

```
.text, #text, p{  
    color:rgb(28, 5, 17)  
}
```

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(28, 5, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 5, 17) }
```

Border

The CSS property to change the border of an element to YIQ 13.2450, 9.8560, 8.6080 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(28, 5, 17) }
```

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

```
.border{ border-color:rgb(28, 5, 17) }
```

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

Here you see how a box with a 4 pixel rgb(28, 5, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 5, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 5, 17); box-shadow:4px  
4px 4px 4px rgb(28, 5, 17) }
```


Background

The CSS property to change the background color of an element to YIQ 13.2450, 9.8560, 8.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 5, 17) }
```

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

```
.background{ background-color: rgb(28, 5,  
17) }
```

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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