

Converting Colors

YIQ(124.9470, -1.6490, -8.6650)

Have a look what the booklet for
YIQ(124.9470, -1.6490, -8.6650)
contains.

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Color

**YIQ(124.9470, -1.6490,
-8.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	768370
RGB	118, 131, 112
RGB Percent	46%, 51%, 44%
CMY	0.5373, 0.4862, 0.5608
CMYK	0.10, 0.00, 0.15, 0.49
HSL	101°, 8%, 48%
HSV	101°, 15%, 51%
XYZ	18.5115, 21.2547, 18.4568
YIQ	124.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

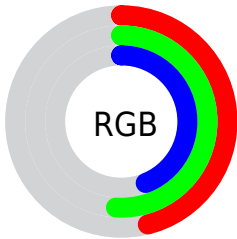
Format	Color
RYB	112, 131, 125
Decimal	7766896
CIELab	53.23, -8.57, 8.67
CIELCh	53, 12.189, 134.655
Yxy	21.2547, 0.3179, 0.3651
Android (android.graphics.Color)	4285956976 (0xFF768370)
YUV	124.9470, -6.3829, -6.0925
Hunter-Lab	46.1029, -9.0076, 8.5359

Details

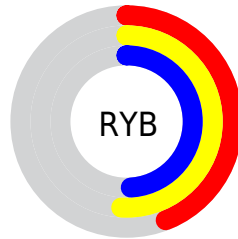
The YIQ color $124.9470, -1.6490, -8.6650$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $118.0530, 1.6490, 8.6650$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.5340, -1.9240, -9.1880$, and $76.3600, -1.3740, -8.1420$ is the 20% darker color. If you saturate the color by 10%, you get $120.7740, -2.8400, -14.6160$, and if you desaturate by 10%, it is $129.1200, -0.4580, -2.7140$.

Distribution



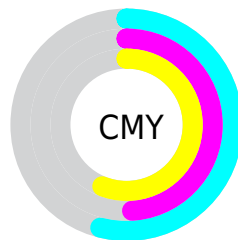
- Red (46%)
- Green (51%)
- Blue (44%)



- Red (44%)
- Yellow (51%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.9470, -1.6490, -8.6650 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 124.9470, -1.6490, -8.6650 by changing the saturation by 10% instead.

■ 124.9470, -1.6490,
-8.6650

■ 124.9470, -1.6490,
-8.6650

■ 255.0000, -0.0000,
-0.0000

■ 100.0610, -1.9700,
-8.3540

■ 177.5340, -1.9240,
-9.1880

■ 76.3600, -1.3740,
-8.1420

■ 205.1210, -2.1990,
-9.7110

■ 53.4740, -1.6950,
-7.8310

■ 233.4200, -1.6030,
-9.4990

■ 32.0010, -1.7410,
-6.9970

■ 253.7890, 1.9720,
-2.7000

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 124.9470, -1.6490,
-8.6650

■ 124.9470, -1.6490,
-8.6650

■ 120.7740, -2.8400,
-14.6160

■ 129.1200, -0.4580,
-2.7140

■ 116.6010, -4.0310,
-20.5670

■ 133.2930, 0.7330,
3.2370

■ 112.4280, -5.2220,
-26.5180

■ 137.4660, 1.9240,
9.1880

■ 108.2550, -6.4130,
-32.4690

■ 141.6390, 3.1150,
15.1390

■ 103.9680, -7.2830,
-38.7310

■ 145.9260, 3.9850,
21.4010

■ 99.7950, -8.4740,
-44.6820

■ 150.0990, 5.1760,
27.3520

■ 95.6220, -9.6650,
-50.6330


■ 154.2720, 6.3670,
33.3030


■ 91.4490, -10.8560,

■ 158.4450, 7.5580,

-56.5840

39.2540

 89.1560, -11.5890,
-59.8210

 162.6180, 8.7490,
45.2050

Harmonies

Analogous

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



126.2040, 7.9330, -6.1070



124.9470, -1.6490, -8.6650



123.8580, -11.6440, -9.2440

Triad

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



124.9470, -1.6490, -8.6650



125.6590, -17.9730, 0.8350



128.8990, 16.6420, 6.7700

Complementary

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



124.9470, -1.6490, -8.6650



118.0530, 1.6490, 8.6650

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.



128.9570, 10.7270, 9.3430



124.9470, -1.6490, -8.6650



127.1980, -9.1250, 5.6830

Square

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



124.9470, -1.6490, -8.6650



123.7570, -21.3650, -3.7730



128.7540, 1.0530, 8.4530



128.7480, 18.3850, 2.7130

Rectangle

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



124.9470, -1.6490, -8.6650



123.1610, -16.8710, -8.1270



128.7540, 1.0530, 8.4530



129.3550, 15.3580, 8.0140

Sweetspot

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



124.9470, -1.6490, -8.6650



168.7070, -0.7330, -3.2370



125.3120, 7.7490, -2.7710



85.5330, -0.1830, -2.1910



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



124.9470, -1.6490, -8.6650



161.7140, -2.6110, -13.2590



123.4950, -6.1880, -9.0040



64.1200, -0.4580, -2.7140



88.5690, -11.3140, -59.2980



2.0600, -0.2290, -1.3570

Inverse Universe

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



118.0530, 1.6490, 8.6650



151.2860, 2.6110, 13.2590



119.5050, 6.1880, 9.0040



61.8800, 0.4580, 2.7140



41.4310, 11.3140, 59.2980



0.9400, 0.2290, 1.3570

Previews

White Background



This preview shows how the YIQ color 124.9470, -1.6490, -8.6650 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 124.9470, -1.6490, -8.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

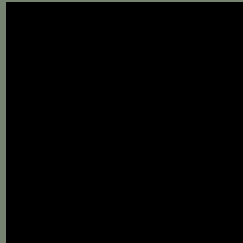
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.9470, -1.6490, -8.6650

Background



This preview shows how black text looks on a background with the YIQ color 124.9470, -1.6490, -8.6650.



This preview shows how white text looks on a background with the YIQ color 124.9470, -1.6490, -8.6650.

-8.6650.

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

124.9470, -1.6490, -8.6650

Protanopia

126.8560, 9.0330, -4.0150

Deuteranopia

127.6660, 15.6800, 2.1760



Tritanopia

126.6450, -6.1900, 2.0500

Trichromacy



Original Color

124.9470, -1.6490, -8.6650

Protanomaly

126.0620, 5.4570, -5.2870

Deuteranomaly

126.6220, 9.8120, -1.6120

Tritanomaly

125.9070, -4.1720, -1.4840

Monochromacy



Original Color

124.9470, -1.6490, -8.6650

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.7070, -0.7330, -3.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.9470, -1.6490, -8.6650 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(118, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(118, 131, 112)  
}
```

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(118, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 131, 112) }
```

Border

The CSS property to change the border of an element to YIQ 124.9470, -1.6490, -8.6650 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(118, 131, 112) }
```


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

```
.border{ border-color:rgb(118, 131, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(118, 131,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 124.9470, -1.6490, -8.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 131, 112) }
```

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

```
.background{ background-color: rgb(118,  
131, 112) }
```

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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