

Converting Colors

YIQ(124.0750, -4.5850, 0.4950)

Have a look what the booklet for
YIQ(124.0750, -4.5850, 0.4950)
contains.

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Color

**YIQ(124.0750, -4.5850,
0.4950)**

Conversions

Conversions Part 1

Format	Color
Hex	787D82
RGB	120, 125, 130
RGB Percent	47%, 49%, 51%
CMY	0.5294, 0.5098, 0.4902
CMYK	0.08, 0.04, 0.00, 0.49
HSL	210°, 4%, 49%
HSV	210°, 8%, 51%
XYZ	19.1082, 20.2722, 24.0229
YIQ	124.0750, -4.5850, 0.4950

Conversions

Conversions Part 2

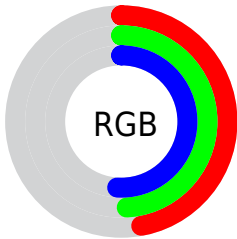
Format	Color
R_{YB}	120, 123, 130
Decimal	7896450
CIE Lab	52.14, -0.82, -3.36
CIE LCh	52, 3.460, 256.374
Yxy	20.2722, 0.3014, 0.3197
Android (android.graphics.Color)	4286086530 (0xFF787D82)
YUV	124.0750, 2.9210, -3.5738
Hunter-Lab	45.0247, -3.0390, -0.1169

Details

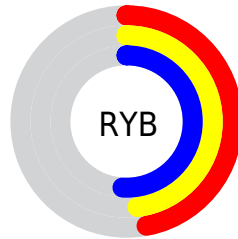
The YIQ color $124.0750, -4.5850, 0.4950$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $125.9250, 4.5850, -0.4950$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.7760, -5.1810, 0.2830$, and $75.3740, -3.9890, 0.7070$ is the 20% darker color. If you saturate the color by 10%, you get $116.6660, -10.6830, 0.8770$, and if you desaturate by 10%, it is $131.4840, 1.5130, 0.1130$.

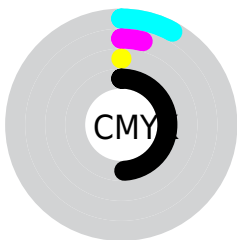
Distribution



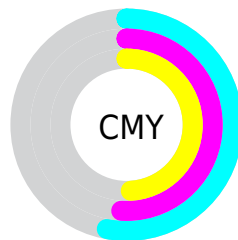
- Red (47%)
- Green (49%)
- Blue (51%)



- Red (47%)
- Yellow (48%)
- Blue (51%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.0750, -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 124.0750, -4.5850, 0.4950 by changing the saturation by 10% instead.

■ 124.0750, -4.5850,
0.4950

■ 124.0750, -4.5850,
0.4950

■ 255.0000, -0.0000,
-0.0000

■ 99.0750, -4.5850,
0.4950

■ 176.7760, -5.1810,
0.2830

■ 75.3740, -3.9890,
0.7070

■ 204.0750, -4.5850,
0.4950

■ 52.9610, -4.2640,
0.1840

■ 232.1890, -4.9060,
0.8060

■ 31.2600, -3.6680,
0.3960

■ 7.5910, -6.0980,
0.3820

■ 0.0000, 0.0000,
0.0000

■ 124.0750, -4.5850,
0.4950

■ 124.0750, -4.5850,
0.4950

■ 116.6660,
-10.6830, 0.8770

■ 131.4840, 1.5130,
0.1130

■ 108.6700,
-16.5060, 1.7820

■ 139.4800, 7.3360,
-0.7920

■ 101.2610,
-22.6040, 2.1640

■ 146.8890, 13.4340,
-1.1740

■ 93.2650, -28.4270,
3.0690

■ 154.8850, 19.2570,
-2.0790

■ 85.8560, -34.5250,
3.4510

■ 162.2940, 25.3550,
-2.4610

■ 77.8600, -40.3480,
4.3560

■ 170.2900, 31.1780,
-3.3660

■ 70.4510, -46.4460,
4.7380

■ 177.6990, 37.2760,
-3.7480

■ 62.4550, -52.2690,

■ 185.6950, 43.0990,

5.6430

-4.6530

■ 55.0460, -58.3670,
6.0250

■ 193.1040, 49.1970,
-5.0350

Harmonies

Analogous

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



123.8360, -5.4100, -1.0740



124.0750, -4.5850, 0.4950



124.3850, -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.



124.0750, -4.5850, 0.4950



124.8050, 5.0430, 2.2190



124.1200, -0.4580, -2.7140

Complementary

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



124.0750, -4.5850, 0.4950



125.9250, 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.



124.3160, 1.9260, -1.8660



124.0750, -4.5850, 0.4950



124.7510, 5.1350, 0.5510

Square

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



124.0750, -4.5850, 0.4950



125.4350, 3.2090, 2.4170



124.6260, 3.9890, -0.7070



123.5650, -3.2090, -2.4170

Rectangle

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



124.0750, -4.5850, 0.4950



124.5810, -0.1380, 2.5020



124.6260, 3.9890, -0.7070



123.8320, 0.4130, -1.9790

Sweetspot

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



124.0750, -4.5850, 0.4950



166.5160, -1.5130, -0.1130



126.4400, -4.3550, -3.6750



82.8150, -0.9170, 0.0990



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.



124.0750, -4.5850, 0.4950



159.4060, -7.0150, 0.4810



121.1400, -3.2100, 3.1100



60.1460, -3.3470, 0.0850



52.1600, -58.6880, 6.3360



0.0000, 0.0000, 0.0000

Inverse Universe

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



123.5600, 4.3550, 3.6750



158.3970, 6.3720, 5.6680



128.8600, 3.2100, -3.1100



59.5490, 2.8880, 2.7280



45.5680, 55.7440, 47.0400



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 124.0750, -4.5850, 0.4950 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 124.0750, -4.5850, 0.4950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

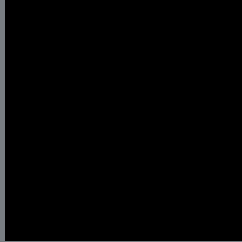
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

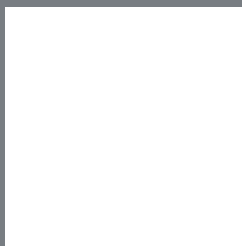
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 124.0750, -4.5850, 0.4950

Background



This preview shows how black text looks on a background with the YIQ color 124.0750, -4.5850, 0.4950.



This preview shows how white text looks on a background with the YIQ color 124.0750, -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

124.0750, -4.5850, 0.4950

Protanopia

124.8690, -1.0090, 1.7670

Deuteranopia

125.7280, 3.9420, 5.6540



Tritanopia

124.2430, -4.9980, 2.4740

Trichromacy

**Original Color**

124.0750, -4.5850, 0.4950

Protanomaly

124.2710, -2.2010, 1.3430

Deuteranomaly

124.8200, 0.6870, 4.0710

Tritanomaly

124.1290, -4.6770, 2.1630

Monochromacy

**Original Color**

124.0750, -4.5850, 0.4950

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9290, -1.2380, 0.4100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.0750, -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(120, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(120, 125, 130)  
}
```

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(120, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 125, 130) }
```

Border

The CSS property to change the border of an element to YIQ 124.0750, -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(120, 125, 130) }
```


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

```
.border{ border-color:rgb(120, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(120, 125,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 124.0750, -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(120, 125, 130) }
```

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

```
.background{ background-color: rgb(120,  
125, 130) }
```

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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