

Converting Colors

YIQ(124.2840, 4.9520, -1.6400)

Have a look what the booklet for
YIQ(124.2840, 4.9520, -1.6400)
contains.

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Color

**YIQ(124.2840, 4.9520,
-1.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	807C74
RGB	128, 124, 116
RGB Percent	50%, 49%, 45%
CMY	0.4980, 0.5137, 0.5451
CMYK	0.00, 0.03, 0.09, 0.50
HSL	40°, 5%, 48%
HSV	40°, 9%, 50%
XYZ	19.2625, 20.2653, 19.4214
YIQ	124.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

Format	Color
R_{YB}	122, 128, 116
Decimal	8420468
CIE Lab	52.14, 0.00, 4.89
CIE LCh	52, 4.893, 89.944
Yxy	20.2653, 0.3268, 0.3438
Android (android.graphics.Color)	4286610548 (0xFF807C74)
YUV	124.2840, -4.0840, 3.2589
Hunter-Lab	45.0170, -2.4007, 5.9328

Details

The YIQ color **124.2840, 4.9520, -1.6400** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **119.7160, -4.9520, 1.6400**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.5830, 5.5480, -1.4280**, and **75.3980, 4.6310, -1.3290** is the 20% darker color. If you saturate the color by 10%, you get **120.4540, 10.2250, -3.5910**, and if you desaturate by 10%, it is **128.1140, -0.3210, 0.3110**.

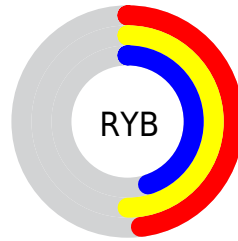
Distribution



Red (50%)

Green (49%)

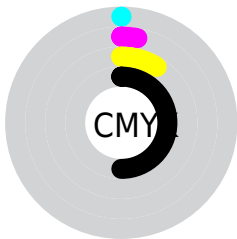
Blue (45%)



Red (48%)

Yellow (50%)

Blue (45%)

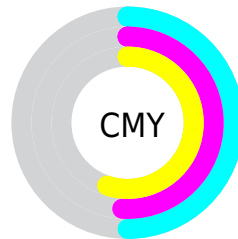


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.2840, 4.9520, -1.6400 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 124.2840, 4.9520, -1.6400 by changing the saturation by 10% instead.

■ 124.2840, 4.9520,
-1.6400

■ 124.2840, 4.9520,
-1.6400

255.0000, -0.0000,
-0.0000

■ 99.2840, 4.9520,
-1.6400

■ 176.5830, 5.5480,
-1.4280

■ 75.3980, 4.6310,
-1.3290

■ 204.1700, 5.2730,
-1.9510

■ 53.0990, 4.0350,
-1.5410

■ 232.4690, 5.8690,
-1.7390

■ 31.8000, 3.4390,
-1.7530

254.6580, 0.9630,
-0.9330

■ 7.6970, 5.2270,
-1.1170

■ 0.0000, 0.0000,
0.0000

■ 124.2840, 4.9520,
-1.6400

■ 124.2840, 4.9520,
-1.6400

■ 120.4540, 10.2250,
-3.5910

■ 128.1140, -0.3210,
0.3110

■ 116.0370, 15.7730,
-5.0190

■ 132.5310, -5.8690,
1.7390

■ 112.3210, 20.7250,
-6.6590

■ 136.2470,
-10.8210, 3.3790

■ 108.4910, 25.9980,
-8.6100

■ 140.0770,
-16.0940, 5.3300

■ 104.6610, 31.2710,
-10.5610

■ 143.9070,
-21.3670, 7.2810

■ 100.2440, 36.8190,
-11.9890

■ 148.3240,
-26.9150, 8.7090

■ 96.4140, 42.0920,
-13.9400

■ 152.1540,
-32.1880, 10.6600

■ 92.6980, 47.0440,

■ 155.8700,

-15.5800

-37.1400, 12.3000

■ 88.8680, 52.3170,
-17.5310

■ 159.7000,
-42.4130, 14.2510

Harmonies

Analogous

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



125.0070, 7.2900, 0.0420



124.2840, 4.9520, -1.6400



123.4900, 1.3760, -2.9120

Triad

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



124.2840, 4.9520, -1.6400



123.2270, -8.0690, -2.4450



125.1900, 2.5210, 3.8730

Complementary

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



124.2840, 4.9520, -1.6400



119.7160, -4.9520, 1.6400

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.



124.6240, -1.6970, 3.2230



124.2840, 4.9520, -1.6400



123.5800, -7.5650, -0.5650

Square

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



124.2840, 4.9520, -1.6400



123.0700, -6.1890, -3.4770



124.4170, -5.5480, 1.4280



125.5170, 5.9140, 2.9540

Rectangle

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



124.2840, 4.9520, -1.6400



123.4080, -1.3290, -3.4490



124.4170, -5.5480, 1.4280



125.0050, 1.6040, 3.9720

Sweetspot

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



124.2840, 4.9520, -1.6400



164.2560, 2.1550, -0.5090



120.0440, 5.8680, 3.7880



83.0710, 1.2380, -0.4100



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.



124.2840, 4.9520, -1.6400



160.4260, 7.4280, -2.4600



126.0340, 2.6600, -4.1560



62.0280, 2.7970, -1.1310



88.1670, 52.9130, -17.3190



0.0000, 0.0000, 0.0000

Inverse Universe

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



119.7160, -4.9520, 1.6400



153.5740, -7.4280, 2.4600



117.9660, -2.6600, 4.1560



59.5590, -3.0720, 0.6080



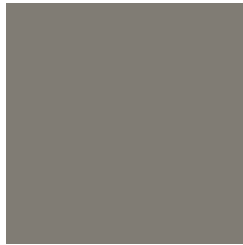
39.8330, -52.9130, 17.3190



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 124.2840, 4.9520, -1.6400 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 124.2840, 4.9520, -1.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

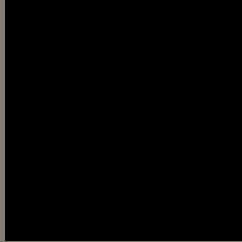
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.2840, 4.9520, -1.6400

Background



This preview shows how black text looks on a background with the YIQ color 124.2840, 4.9520, -1.6400.



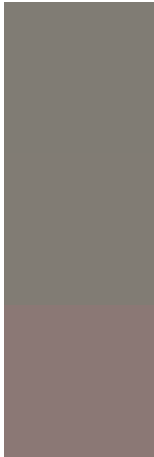
This preview shows how white text looks on a background with the YIQ color 124.2840, 4.9520,

-1.6400.

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

124.2840, 4.9520, -1.6400

Protanopia

124.5830, 5.5480, -1.4280

Deuteranopia

125.3390, 12.2870, 3.0950



Tritanopia

125.4180, 1.8790, 4.4950

Trichromacy



Original Color

124.2840, 4.9520, -1.6400

Protanomaly

124.5830, 5.5480, -1.4280

Deuteranomaly

124.7300, 9.6280, 1.7240

Tritanomaly

125.1360, 2.6130, 2.2050

Monochromacy



Original Color

124.2840, 4.9520, -1.6400

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

123.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.2840, 4.9520, -1.6400 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(128, 124, 116)` looks like.

```
.text, #text, p{  
    color:rgb(128, 124, 116)  
}
```

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(128, 124, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 124, 116) }
```

Border

The CSS property to change the border of an element to YIQ 124.2840, 4.9520, -1.6400 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(128, 124, 116) }
```


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

```
.border{ border-color:rgb(128, 124, 116) }
```

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

Here you see how a box with a 4 pixel rgb(128, 124, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 124, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 124, 116);  
box-shadow:4px 4px 4px 4px rgb(128, 124,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 124.2840, 4.9520, -1.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 124, 116) }
```

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

```
.background{ background-color: rgb(128,  
124, 116) }
```

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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