

Converting Colors

YIQ(121.0940, 2.4310, -5.5130)

Have a look what the booklet for
YIQ(121.0940, 2.4310, -5.5130)
contains.

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Color

**YIQ(121.0940, 2.4310,
-5.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	787C6D
RGB	120, 124, 109
RGB Percent	47%, 49%, 43%
CMY	0.5294, 0.5137, 0.5725
CMYK	0.03, 0.00, 0.12, 0.51
HSL	76°, 6%, 46%
HSV	76°, 12%, 49%
XYZ	17.7135, 19.5127, 17.3023
YIQ	121.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

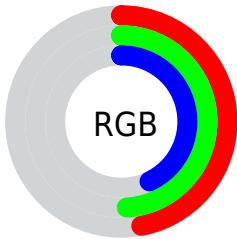
Format	Color
R_{YB}	109, 124, 113
Decimal	7896173
CIE Lab	51.28, -4.41, 7.67
CIE LCh	51, 8.849, 119.867
Yxy	19.5127, 0.3248, 0.3578
Android (android.graphics.Color)	4286086253 (0xFF787C6D)
YUV	121.0940, -5.9623, -0.9594
Hunter-Lab	44.1732, -5.7242, 7.6978

Details

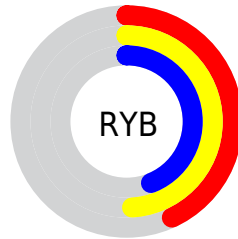
The YIQ color `121.0940, 2.4310, -5.5130` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `111.9060, -2.4310, 5.5130`, and the grayscale version is `121.0000, -0.0000, 0.0000`.

A 20% lighter version of the original color is `172.9800, 2.7520, -5.8240`, and `72.6210, 2.3850, -4.6790` is the 20% darker color. If you saturate the color by 10%, you get `118.8290, 4.4950, -9.8810`, and if you desaturate by 10%, it is `123.3590, 0.3670, -1.1450`.

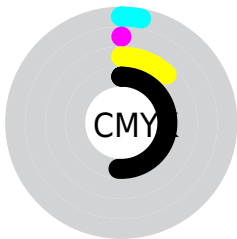
Distribution



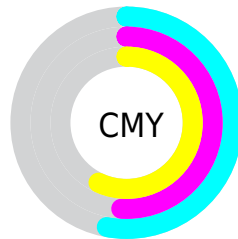
- Red (47%)
- Green (49%)
- Blue (43%)



- Red (43%)
- Yellow (49%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (12%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.0940, 2.4310, -5.5130 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 121.0940, 2.4310, -5.5130 by changing the saturation by 10% instead.

■ 121.0940, 2.4310,
-5.5130

■ 121.0940, 2.4310,
-5.5130

■ 255.0000, -0.0000,
-0.0000

■ 96.2080, 2.1100,
-5.2020

■ 172.9800, 2.7520,
-5.8240

■ 72.6210, 2.3850,
-4.6790

■ 200.8660, 3.0730,
-6.1350

■ 50.3220, 1.7890,
-4.8910

■ 228.8660, 3.0730,
-6.1350

■ 28.7350, 2.0640,
-4.3680

■ 253.7460, 3.5310,
-3.4210

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 121.0940, 2.4310,
-5.5130

■ 121.0940, 2.4310,
-5.5130

■ 118.8290, 4.4950,
-9.8810

■ 123.3590, 0.3670,
-1.1450

■ 116.1510, 6.2840,
-14.7720

■ 126.0370, -1.4220,
3.7460

■ 113.8860, 8.3480,
-19.1400

■ 128.3020, -3.4860,
8.1140

■ 111.5070, 10.7330,
-23.8190

■ 130.6810, -5.8710,
12.7930

■ 108.9430, 12.2010,
-28.3990

■ 133.2450, -7.3390,
17.3730

■ 106.6780, 14.2650,
-32.7670

■ 135.5100, -9.4030,
21.7410

■ 104.2990, 16.6500,
-37.4460

■ 137.8890,
-11.7880, 26.4200

■ 101.7350, 18.1180,

■ 140.4530,

-42.0260

-13.2560, 31.0000

■ 99.9970, 20.1360,
-45.5600

■ 142.8320,
-15.6410, 35.6790

Harmonies

Analogous

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



122.3830, 8.9870, -3.1810



121.0940, 2.4310, -5.5130



120.4460, -4.4920, -6.7000

Triad

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



121.0940, 2.4310, -5.5130



120.4590, -14.5340, -0.9180



123.5500, 10.3150, 5.7950

Complementary

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



121.0940, 2.4310, -5.5130



111.9060, -2.4310, 5.5130

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.



123.5540, 4.4920, 6.7000



121.0940, 2.4310, -5.5130



121.9050, -9.8580, 2.4460

Square

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



121.0940, 2.4310, -5.5130



119.4650, -14.6710, -3.9430



122.9060, -2.4310, 5.5130



123.6380, 12.8830, 3.3070

Rectangle

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



121.0940, 2.4310, -5.5130



120.1080, -9.3520, -6.7280



122.9060, -2.4310, 5.5130



123.5930, 8.7560, 6.5160

Sweetspot

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



121.0940, 2.4310, -5.5130



159.6040, 1.0550, -2.6010



115.8330, 7.8400, 1.0880



81.2450, 0.6880, -1.4560



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



121.0940, 2.4310, -5.5130



156.1710, 3.5320, -8.9480



119.0010, -1.7410, -6.9970



60.0170, 1.3300, -2.0780



100.8830, 20.4570, -45.8710



203.2390, 40.9600, -92.5760

Inverse Universe

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



111.9060, -2.4310, 5.5130



141.5300, -4.1280, 8.7360



114.2980, 2.3370, 7.2090



56.2820, -0.7340, 2.2900



24.1170, -20.4570, 45.8710



48.7610, -40.9600, 92.5760

Previews

White Background



This preview shows how the YIQ color 121.0940, 2.4310, -5.5130 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 121.0940, 2.4310, -5.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

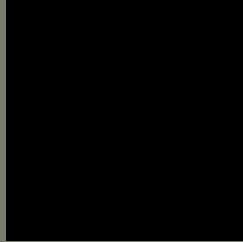
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.0940, 2.4310, -5.5130

Background



This preview shows how black text looks on a background with the YIQ color 121.0940, 2.4310, -5.5130.



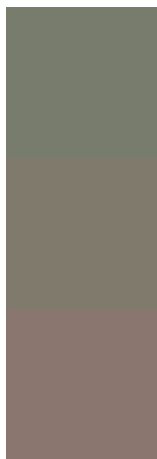
This preview shows how white text looks on a background with the YIQ color 121.0940, 2.4310,

-5.5130.

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

121.0940, 2.4310, -5.5130

Protanopia

122.1980, 8.0700, -3.0820

Deuteranopia

123.0680, 14.4880, 1.7520



Tritanopia

122.6240, -1.6970, 3.2230

Trichromacy



Original Color

121.0940, 2.4310, -5.5130

Protanomaly

121.8880, 6.0070, -4.2410

Deuteranomaly

122.1490, 9.7660, -0.7780

Tritanomaly

122.0000, 0.0000, -0.0000

Monochromacy



Original Color

121.0940, 2.4310, -5.5130

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1310, 1.0090, -1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.0940, 2.4310, -5.5130 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, 124, 109)` looks like.

```
.text, #text, p{  
    color:rgb(120, 124, 109)  
}
```

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, 124, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 124, 109) }
```

Border

The CSS property to change the border of an element to YIQ 121.0940, 2.4310, -5.5130 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, 124, 109) }
```


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

```
.border{ border-color:rgb(120, 124, 109) }
```

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

Here you see how a box with a 4 pixel rgb(120, 124, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 124, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 124, 109);  
box-shadow:4px 4px 4px 4px rgb(120, 124,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 121.0940, 2.4310, -5.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 124, 109) }
```

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

```
.background{ background-color: rgb(120,  
124, 109) }
```

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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