

Converting Colors

YIQ(121.4270, -2.3400, 9.3720)

Have a look what the booklet for
YIQ(121.4270, -2.3400, 9.3720)
contains.

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Color

**YIQ(121.4270, -2.3400,
9.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	7D748C
RGB	125, 116, 140
RGB Percent	49%, 45%, 55%
CMY	0.5098, 0.5451, 0.4510
CMYK	0.11, 0.17, 0.00, 0.45
HSL	263°, 9%, 50%
HSV	263°, 17%, 55%
XYZ	19.4369, 18.7438, 27.4017
YIQ	121.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

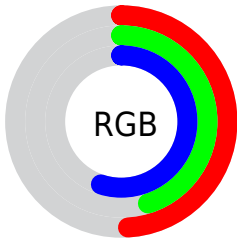
Format	Color
R_{YB}	125, 116, 140
Decimal	8221836
CIE _{Lab}	50.39, 8.43, -11.81
CIE _{LCh}	50, 14.512, 305.516
Yxy	18.7438, 0.2964, 0.2858
Android (android.graphics.Color)	4286411916 (0xFF7D748C)
YUV	121.4270, 9.1565, 3.1335
Hunter-Lab	43.2942, 4.3726, -7.2198

Details

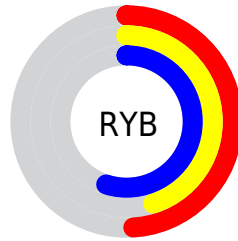
The YIQ color $121.4270, -2.3400, 9.3720$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $134.5730, 2.3400, -9.3720$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $173.9540, -2.3860, 10.2060$, and $72.9000, -2.2940, 8.5380$ is the 20% darker color. If you saturate the color by 10%, you get $110.5180, -3.8540, 14.7860$, and if you desaturate by 10%, it is $132.3360, -0.8260, 3.9580$.

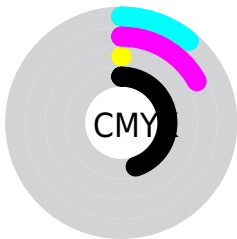
Distribution



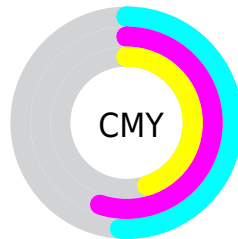
- Red (49%)
- Green (45%)
- Blue (55%)



- Red (49%)
- Yellow (45%)
- Blue (55%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (55%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.4270, -2.3400, 9.3720 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 121.4270, -2.3400, 9.3720 by changing the saturation by 10% instead.

■ 121.4270, -2.3400,
9.3720

■ 121.4270, -2.3400,
9.3720

■ 255.0000, -0.0000,
-0.0000

■ 96.3130, -2.0190,
9.0610

■ 173.9540, -2.3860,
10.2060

■ 72.9000, -2.2940,
8.5380

■ 200.9540, -2.3860,
10.2060

■ 50.3730, -2.2480,
7.7040

■ 229.0680, -2.7070,
10.5170

■ 28.9600, -2.5230,
7.1810

■ 253.2390, 0.8250,
1.5690

■ 5.7260, -1.7440,
9.5840

■ 0.0000, 0.0000,
0.0000

■ 121.4270, -2.3400,
9.3720

■ 121.4270, -2.3400,
9.3720

■ 110.5180, -3.8540,
14.7860

■ 132.3360, -0.8260,
3.9580

■ 99.9080, -4.7720,
20.4120

■ 142.9460, 0.0920,
-1.6680

■ 88.9990, -6.2860,
25.8260

■ 153.8550, 1.6060,
-7.0820

■ 78.0900, -7.8000,
31.2400

■ 164.7640, 3.1200,
-12.4960

■ 67.1810, -9.3140,
36.6540

■ 175.6730, 4.6340,
-17.9100

■ 56.5710, -10.2320,
42.2800

■ 186.2830, 5.5520,
-23.5360

■ 45.6620, -11.7460,
47.6940

■ 197.1920, 7.0660,
-28.9500

■ 34.7530, -13.2600,

■ 208.1010, 8.5800,

53.1080

-34.3640

■ 31.8070, -13.3520,
54.7760

■ 219.0100, 10.0940,
-39.7780

Harmonies

Analogous

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



119.4470, -14.2600, 5.1320



121.4270, -2.3400, 9.3720



122.4130, 9.4430, 10.5870

Triad

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



121.4270, -2.3400, 9.3720



120.5260, 18.8900, -0.9340



115.0680, -21.0430, -9.6110

Complementary

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



121.4270, -2.3400, 9.3720



134.5730, 2.3400, -9.3720

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.



116.2880, -10.0390, -10.7990



121.4270, -2.3400, 9.3720



119.2430, 12.1970, -6.2910

Square

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



121.4270, -2.3400, 9.3720



121.1830, 21.5940, 5.1300



117.9750, 1.1480, -9.7960



115.2510, -25.8120, -5.7800

Rectangle

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



121.4270, -2.3400, 9.3720



121.8220, 15.5410, 10.2050



117.9750, 1.1480, -9.7960



115.5090, -17.9710, -10.2190

Sweetspot

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



121.4270, -2.3400, 9.3720



173.9230, -1.1010, 3.4350



127.5410, -11.8290, -0.3810



87.2820, -0.7340, 2.2900



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



121.4270, -2.3400, 9.3720



151.5180, -3.8540, 14.7860



125.0150, 4.8120, 11.9160



63.6950, -0.4590, 2.8130



30.1120, -12.8930, 51.9630



1.1680, -0.4130, 1.9790

Inverse Universe

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



124.8860, 9.4890, 9.7530



157.0980, 14.9440, 15.5200



130.9850, -4.8120, -11.9160



64.5490, 2.8880, 2.7280



49.2290, 52.6250, 54.0090



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 121.4270, -2.3400, 9.3720 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 121.4270, -2.3400, 9.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

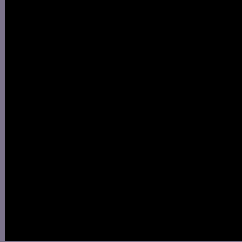
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.4270, -2.3400, 9.3720

Background



This preview shows how black text looks on a background with the YIQ color 121.4270, -2.3400, 9.3720.



This preview shows how white text looks on a background with the YIQ color 121.4270, -2.3400,

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

121.4270, -2.3400, 9.3720

Protanopia

120.4260, -9.7670, 6.3050

Deuteranopia

121.1170, -4.4030, 8.2130



Tritanopia

120.5210, 0.0910, 3.8590

Trichromacy



Original Color

121.4270, -2.3400, 9.3720

Protanomaly

120.9210, -6.7870, 7.3650

Deuteranomaly

121.4160, -3.8070, 8.4250

Tritanomaly

120.8030, -0.6430, 6.1490

Monochromacy



Original Color

121.4270, -2.3400, 9.3720

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.4270, -2.3400, 9.3720 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(125, 116, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 116, 140)  
}
```

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(125, 116, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 116, 140) }
```

Border

The CSS property to change the border of an element to YIQ 121.4270, -2.3400, 9.3720 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(125, 116, 140) }
```


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

```
.border{ border-color:rgb(125, 116, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 116, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 116, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 116, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 116,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 121.4270, -2.3400, 9.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 116, 140) }
```

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

```
.background{ background-color: rgb(125,  
116, 140) }
```

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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