

Converting Colors

YIQ(121.8440, 9.3070, 2.0350)

Have a look what the booklet for
YIQ(121.8440, 9.3070, 2.0350)
contains.

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Color

**YIQ(121.8440, 9.3070,
2.0350)**

Conversions

Conversions Part 1

Format	Color
Hex	847673
RGB	132, 118, 115
RGB Percent	52%, 46%, 45%
CMY	0.4823, 0.5373, 0.5490
CMYK	0.00, 0.11, 0.13, 0.48
HSL	11°, 7%, 48%
HSV	11°, 13%, 52%
XYZ	19.0898, 19.0997, 18.9031
YIQ	121.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

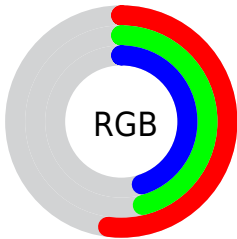
Format	Color
R_{YB}	132, 119, 115
Decimal	8681075
CIE Lab	50.80, 4.87, 3.61
CIE LCh	51, 6.058, 36.543
Yxy	19.0997, 0.3344, 0.3345
Android (android.graphics.Color)	4286871155 (0xFF847673)
YUV	121.8440, -3.3741, 8.9068
Hunter-Lab	43.7032, 1.4892, 4.9473

Details

The YIQ color $121.8440, 9.3070, 2.0350$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $125.1560, -9.3070, -2.0350$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.1430, 9.9030, 2.2470$, and $73.2460, 8.1150, 1.6110$ is the 20% darker color. If you saturate the color by 10%, you get $113.9050, 16.5050, 3.7450$, and if you desaturate by 10%, it is $129.7830, 2.1090, 0.3250$.

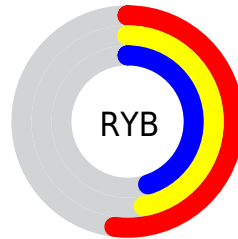
Distribution



Red (52%)

Green (46%)

Blue (45%)



Red (52%)

Yellow (47%)

Blue (45%)

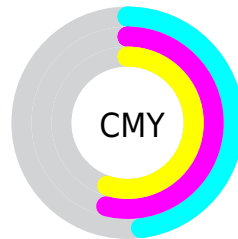


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (48%)



Cyan (48%)

Magenta (54%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8440, 9.3070, 2.0350 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 121.8440, 9.3070, 2.0350 by changing the saturation by 10% instead.

■ 121.8440, 9.3070,
2.0350

■ 121.8440, 9.3070,
2.0350

■ 255.0000, -0.0000,
-0.0000

■ 96.8440, 9.3070,
2.0350

■ 174.1430, 9.9030,
2.2470

■ 73.2460, 8.1150,
1.6110

■ 201.4420, 10.4990,
2.4590

■ 50.3600, 7.7940,
1.9220

■ 229.4420, 10.4990,
2.4590

■ 29.6480, 6.9230,
1.1870

■ 253.9570, 1.5590,
-0.7210

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 121.8440, 9.3070,
2.0350

■ 121.8440, 9.3070,
2.0350

■ 113.9050, 16.5050,
3.7450

■ 129.7830, 2.1090,
0.3250

■ 105.9660, 23.7030,
5.4550

■ 137.7220, -5.0890,
-1.3850

■ 97.9130, 31.2220,
6.8540

■ 145.7750,
-12.6080, -2.7840

■ 89.9740, 38.4200,
8.5640

■ 153.7140,
-19.8060, -4.4940

■ 82.6220, 45.3430,
9.7510

■ 161.0660,
-26.7290, -5.6810

■ 74.6830, 52.5410,
11.4610

■ 169.0050,
-33.9270, -7.3910

■ 66.7440, 59.7390,
13.1710

■ 176.9440,
-41.1250, -9.1010

■ 58.6910, 67.2580,

■ 184.9970,

14.5700

-48.6440, -10.5000

■ 52.9690, 72.3470,
15.9550

■ 192.9360,
-55.8420, -12.2100

Harmonies

Analogous

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



122.4140, 7.7020, 3.5900



121.8440, 9.3070, 2.0350



121.1920, 8.2070, -0.0570

Triad

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



121.8440, 9.3070, 2.0350



119.9130, -4.3090, -4.5090



120.9440, -5.5940, 2.2620

Complementary

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



121.8440, 9.3070, 2.0350



125.1560, -9.3070, -2.0350

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.



120.5090, -8.8030, -0.1550



121.8440, 9.3070, 2.0350



119.2870, -8.2980, -3.8020

Square

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



121.8440, 9.3070, 2.0350



120.3650, 0.2300, -4.1700



119.8570, -9.9030, -2.2470



121.3360, -0.8260, 3.9580

Rectangle

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



121.8440, 9.3070, 2.0350



120.7680, 6.4650, -1.5270



119.8570, -9.9030, -2.2470



120.9330, -7.0610, 1.3150

Sweetspot

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



121.8440, 9.3070, 2.0350



166.6800, 3.8970, 0.9610



121.6790, 5.6380, 7.9580



84.0820, 2.7050, 0.5370



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.



121.8440, 9.3070, 2.0350



155.7090, 14.1210, 2.8970



126.5400, 7.1070, -2.1490



62.3810, 3.3010, 0.7490



52.3710, 71.1550, 15.5310



0.8970, 1.7880, 0.6360

Inverse Universe

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



125.1560, -9.3070, -2.0350



160.2910, -14.1210, -2.8970



120.4600, -7.1070, 2.1490



63.6190, -3.3010, -0.7490



77.6290, -71.1550, -15.5310



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 121.8440, 9.3070, 2.0350 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 121.8440, 9.3070, 2.0350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

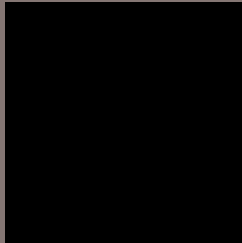
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.8440, 9.3070, 2.0350

Background



This preview shows how black text looks on a background with the YIQ color 121.8440, 9.3070, 2.0350.



This preview shows how white text looks on a background with the YIQ color 121.8440, 9.3070,

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

121.8440, 9.3070, 2.0350

Protanopia

121.3270, 3.3930, -0.9190

Deuteranopia

122.1540, 11.3700, 3.1940



Tritanopia

122.2230, 6.9220, 6.7140

Trichromacy



Original Color

121.8440, 9.3070, 2.0350

Protanomaly

121.6370, 5.4560, 0.2400

Deuteranomaly

121.8550, 10.7740, 2.9820

Tritanomaly

122.3540, 7.9310, 4.9470

Monochromacy



Original Color

121.8440, 9.3070, 2.0350

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.2670, 3.6220, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8440, 9.3070, 2.0350 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(132, 118, 115)` looks like.

```
.text, #text, p{  
    color:rgb(132, 118, 115)  
}
```

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(132, 118, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 118, 115) }
```

Border

The CSS property to change the border of an element to YIQ 121.8440, 9.3070, 2.0350 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(132, 118, 115) }
```


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

```
.border{ border-color:rgb(132, 118, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 118, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 118, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 118, 115);  
box-shadow:4px 4px 4px 4px rgb(132, 118,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8440, 9.3070, 2.0350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 118, 115) }
```

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

```
.background{ background-color: rgb(132,  
118, 115) }
```

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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