

Converting Colors

YIQ(121.3140, 40.9390, 23.4910)

Have a look what the booklet for
YIQ(121.3140, 40.9390, 23.4910)
contains.

YIQ(121.3140, 40.9390, 23.4910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(121.3140, 40.9390,
23.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5F74
RGB	175, 95, 116
RGB Percent	69%, 37%, 45%
CMY	0.3135, 0.6276, 0.5449
CMYK	0.00, 0.46, 0.34, 0.31
HSL	344°, 33%, 53%
HSV	344°, 46%, 69%
XYZ	24.9346, 18.5602, 18.8026
YIQ	121.3140, 40.9390, 23.4910

Conversions

Conversions Part 2

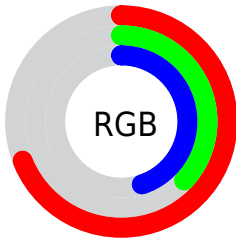
Format	Color
R_{YB}	175, 95, 116
Decimal	11493236
CIE _{Lab}	50.17, 34.87, 2.71
CIE _{LCh}	50, 34.975, 4.444
Yxy	18.5602, 0.4003, 0.2979
Android (android.graphics.Color)	4289683316 (0xFFAF5F74)
YUV	121.3140, -2.6198, 47.0826
Hunter-Lab	43.0815, 27.9191, 4.2803

Details

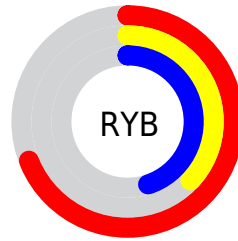
The YIQ color **121.3140, 40.9390, 23.4910** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **148.6860, -40.9390, -23.4910**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1080, 44.5150, 24.7630**, and **70.0470, 37.3170, 23.0530** is the 20% darker color. If you saturate the color by 10%, you get **109.2660, 50.0620, 28.8620**, and if you desaturate by 10%, it is **132.7750, 32.0910, 18.6430**.

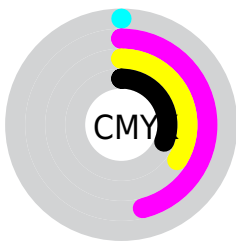
Distribution



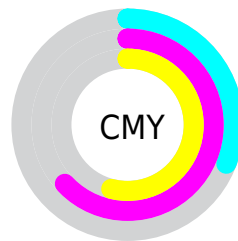
- Red (69%)
- Green (37%)
- Blue (45%)



- Red (69%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (34%)
- Black (31%)





- Cyan (31%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.3140, 40.9390, 23.4910 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 121.3140, 40.9390, 23.4910 by changing the saturation by 10% instead.


 121.3140, 40.9390,
23.4910


 121.3140, 40.9390,
23.4910


255.0000, -0.0000,
-0.0000


 95.5310, 38.8300,
23.1660


 175.1080, 44.5150,
24.7630

 70.0470, 37.3170,
23.0530


 200.6130, 41.5350,
23.7030

 44.7910, 35.1620,
23.5620

 220.2410, 24.8470,
17.7670

 22.8830, 31.9070,
21.9790

 240.5700, 7.5630,
11.6190

 14.1670, 27.6910,
10.2750

 0.0000, 0.0000,
0.0000

121.3140, 40.9390,
23.4910

121.3140, 40.9390,
23.4910

109.2660, 50.0620,
28.8620

132.7750, 32.0910,
18.6430

97.8050, 58.9100,
33.7100

144.8230, 22.9680,
13.2720

85.7570, 68.0330,
39.0810

156.2840, 14.1200,
8.4240

74.2960, 76.8810,
43.9290

168.3320, 4.9970,
3.0530

62.3620, 85.6830,
49.6110

179.7930, -3.8510,
-1.7950


57.5690, 89.5340,
51.4060

191.7270,
-12.6530, -7.4770

203.7750,
-21.7760, -12.8480

215.2360,

-30.6240, -17.6960

 227.2840,
-39.7470, -23.0670

Harmonies

Analogous

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



123.1840, 20.9940, 27.0260



121.3140, 40.9390, 23.4910



120.0570, 48.5520, 12.1680

Triad

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



121.3140, 40.9390, 23.4910



112.9130, 3.7180, -23.3380



95.3310, -90.6870, -13.9750

Complementary

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



121.3140, 40.9390, 23.4910



148.6860, -40.9390, -23.4910

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.



95.9860, -85.6420, -22.8100



121.3140, 40.9390, 23.4910



107.8090, -28.2840, -27.0680

Square

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



121.3140, 40.9390, 23.4910



116.6450, 28.2000, -15.4800



93.2670, -76.6080, -32.3520



114.9400, -43.3290, 8.8230

Rectangle

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



121.3140, 40.9390, 23.4910



119.1780, 46.3530, 2.4570



93.2670, -76.6080, -32.3520



95.9350, -89.6320, -16.5760

Sweetspot

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



121.3140, 40.9390, 23.4910



205.5940, 16.1830, 9.5830



121.7610, 9.4840, 37.3880



101.5500, 10.3150, 5.7950



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



121.3140, 40.9390, 23.4910



143.1370, 63.9070, 36.7630



130.0730, 42.4550, 7.0230



80.9190, 4.7220, 2.5300



49.4100, 76.5600, 44.2400



7.5610, 11.7820, 6.7420

Inverse Universe

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



121.3140, 40.9390, 23.4910



143.1370, 63.9070, 36.7630



139.9270, -42.4550, -7.0230



80.9190, 4.7220, 2.5300



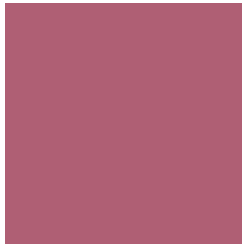
49.4100, 76.5600, 44.2400



7.5610, 11.7820, 6.7420

Previews

White Background



This preview shows how the YIQ color 121.3140, 40.9390, 23.4910 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 121.3140, 40.9390, 23.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

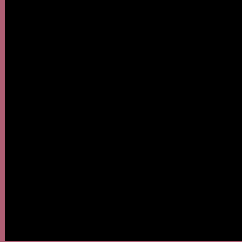
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.3140, 40.9390, 23.4910

Background



This preview shows how black text looks on a background with the YIQ color 121.3140, 40.9390, 23.4910.



This preview shows how white text looks on a background with the YIQ color 121.3140, 40.9390,

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

121.3140, 40.9390, 23.4910

Protanopia

120.2540, -3.5310, 3.4210

Deuteranopia

121.0400, 11.6910, 2.8830



Tritanopia

120.8210, 43.6450, 18.5010

Trichromacy



Original Color

121.3140, 40.9390, 23.4910

Protanomaly

120.3810, 12.4690, 10.8130

Deuteranomaly

120.9430, 22.5100, 10.5580

Tritanomaly

120.6900, 42.6360, 20.2680

Monochromacy



Original Color

121.3140, 40.9390, 23.4910

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.4690, 15.0370, 8.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.3140, 40.9390, 23.4910 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(175, 95, 116)` looks like.

```
.text, #text, p{  
    color:rgb(175, 95, 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(175, 95, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 95, 116) }
```

Border

The CSS property to change the border of an element to YIQ 121.3140, 40.9390, 23.4910 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(175, 95, 116) }
```


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

```
.border{ border-color:rgb(175, 95, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 95, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 95, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 95, 116);  
box-shadow:4px 4px 4px 4px rgb(175, 95,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 121.3140, 40.9390, 23.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 95, 116) }
```

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

```
.background{ background-color: rgb(175, 95,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor