

Converting Colors

YIQ(153.8560, 1.0060, 14.8140)

Have a look what the booklet for
YIQ(153.8560, 1.0060, 14.8140)
contains.

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Color

**YIQ(153.8560, 1.0060,
14.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	A490B2
RGB	164, 144, 178
RGB Percent	64%, 56%, 70%
CMY	0.3568, 0.4353, 0.3020
CMYK	0.08, 0.19, 0.00, 0.30
HSL	275°, 18%, 63%
HSV	275°, 19%, 70%
XYZ	33.3208, 31.0525, 46.3540
YIQ	153.8560, 1.0060, 14.8140

Conversions

Conversions Part 2

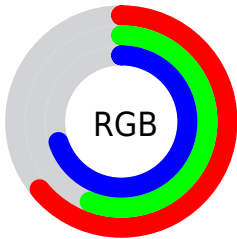
Format	Color
RYB	164, 144, 178
Decimal	10784946
CIELab	62.55, 13.97, -15.02
CIELCh	63, 20.513, 312.927
Yxy	31.0525, 0.3009, 0.2804
Android (android.graphics.Color)	4288975026 (0xFFA490B2)
YUV	153.8560, 11.9030, 8.8963
Hunter-Lab	55.7248, 9.2162, -10.3124

Details

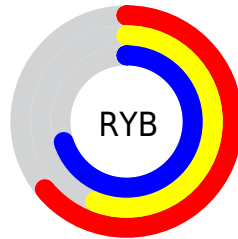
The YIQ color $153.8560, 1.0060, 14.8140$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $168.1440, -1.0060, -14.8140$, and the grayscale version is $154.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $208.3830, 0.9600, 15.6480$, and $102.9160, 0.7770, 13.4570$ is the 20% darker color. If you saturate the color by 10%, you get $141.1970, 1.7840, 22.7440$, and if you desaturate by 10%, it is $166.5150, 0.2280, 6.8840$.

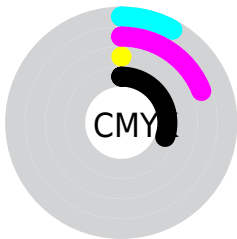
Distribution



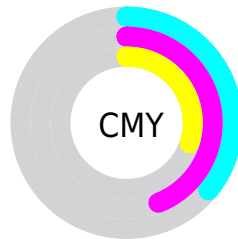
- Red (64%)
- Green (56%)
- Blue (70%)



- Red (64%)
- Yellow (56%)
- Blue (70%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.8560, 1.0060, 14.8140 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 153.8560, 1.0060, 14.8140 by changing the saturation by 10% instead.

■ 153.8560, 1.0060,
14.8140

■ 153.8560, 1.0060,
14.8140

255.0000, -0.0000,
-0.0000

■ 127.7420, 1.3270,
14.5030

■ 208.3830, 0.9600,
15.6480

■ 102.9160, 0.7770,
13.4570

■ 235.8840, 3.8030,
13.6830

■ 78.5030, 0.5020,
12.9340

■ 55.3890, 0.8230,
12.6230

■ 33.5630, 0.2730,
11.5770

■ 10.5250, 3.4360,
14.8280

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 153.8560, 1.0060,
14.8140

■ 153.8560, 1.0060,
14.8140

■ 141.1970, 1.7840,
22.7440

■ 166.5150, 0.2280,
6.8840

■ 128.2390, 1.9660,
30.4620

■ 179.4730, 0.0460,
-0.8340

■ 116.1670, 2.4690,
37.8690

■ 191.5450, -0.4570,
-8.2410

■ 103.5080, 3.2470,
45.7990

■ 204.2040, -1.2350,
-16.1710

■ 90.5500, 3.4290,
53.5170

■ 217.1620, -1.4170,
-23.8890

■ 77.8910, 4.2070,
61.4470

■ 229.8210, -2.1950,
-31.8190

■ 65.2320, 4.9850,
69.3770

■ 234.2620, 0.8770,
-32.4270

■ 52.8610, 4.8920,
76.5720

■ 236.6540, 5.6450,
-30.7310

■ 51.6870, 5.4420,
77.6180

■ 238.7470, 9.8170,
-29.2470

Harmonies

Analogous

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



151.1140, -17.5160, 9.0760



153.8560, 1.0060, 14.8140



154.1800, 17.6490, 16.0570

Triad

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



153.8560, 1.0060, 14.8140



151.6530, 25.7220, -3.6060



143.7180, -34.7970, -13.6530

Complementary

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



153.8560, 1.0060, 14.8140



168.1440, -1.0060, -14.8140

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.



145.1510, -20.0790, -16.0710



153.8560, 1.0060, 14.8140



149.9780, 14.2610, -10.6590

Square

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



153.8560, 1.0060, 14.8140



152.8590, 31.3140, 5.1860



147.5460, -2.1980, -15.2380



144.0690, -39.9790, -7.8430

Rectangle

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



153.8560, 1.0060, 14.8140



154.0190, 25.3520, 14.1200



147.5460, -2.1980, -15.2380



144.1160, -30.1660, -14.9820

Sweetspot

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



153.8560, 1.0060, 14.8140



221.9880, 0.2740, 6.0500



156.0940, -14.7640, 3.2520



111.4070, 0.4120, 3.5480



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



153.8560, 1.0060, 14.8140



194.3110, 1.4630, 23.0550



157.7000, 10.3130, 16.8490



82.8200, 0.6870, 4.0710



44.3520, 4.5270, 66.6630



7.4490, 0.5940, 11.2660

Inverse Universe

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



155.7620, 15.7700, 11.5620



197.3550, 24.5260, 18.0780



164.3000, -10.3130, -16.8490



83.1470, 4.0800, 3.1520



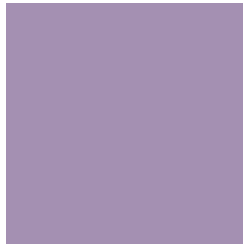
52.9290, 70.9650, 52.0290



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 153.8560, 1.0060, 14.8140 looks on a white background.

Color Contrast Check

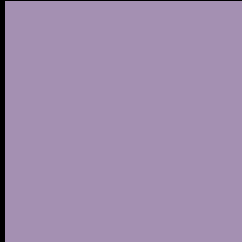
Large Text (above 18pt) WCAG AA × Fail

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 153.8560, 1.0060, 14.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

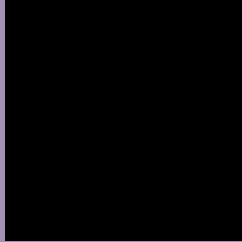
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.8560, 1.0060, 14.8140

Background



This preview shows how black text looks on a background with the YIQ color 153.8560, 1.0060, 14.8140.



This preview shows how white text looks on a background with the YIQ color 153.8560, 1.0060,

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

153.8560, 1.0060, 14.8140

Protanopia

151.8540, -13.8480, 8.6800

Deuteranopia

153.1000, -5.7330, 10.2910



Tritanopia

152.5540, 4.4920, 6.7000

Trichromacy



Original Color

153.8560, 1.0060, 14.8140

Protanomaly

152.6590, -8.8050, 10.8990

Deuteranomaly

153.7090, -3.0740, 11.6620

Tritanomaly

153.0640, 3.1160, 9.6120

Monochromacy



Original Color

153.8560, 1.0060, 14.8140

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

153.8740, 0.5950, 5.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.8560, 1.0060, 14.8140 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(164, 144, 178)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 178)  
}
```

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(164, 144, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 178) }
```

Border

The CSS property to change the border of an element to YIQ 153.8560, 1.0060, 14.8140 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(164, 144, 178) }
```


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

```
.border{ border-color:rgb(164, 144, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 144, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 144, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 144, 178);  
box-shadow:4px 4px 4px 4px rgb(164, 144,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 153.8560, 1.0060, 14.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 144, 178) }
```

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

```
.background{ background-color: rgb(164,  
144, 178) }
```

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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