

Converting Colors

YIQ(143.5180, 5.3140, 24.8500)

Have a look what the booklet for
YIQ(143.5180, 5.3140, 24.8500)
contains.

YIQ(143.5180, 5.3140, 24.8500)	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(143.5180, 5.3140,
24.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	A47EB4
RGB	164, 126, 180
RGB Percent	64%, 49%, 71%
CMY	0.3567, 0.5059, 0.2941
CMYK	0.09, 0.30, 0.00, 0.29
HSL	282°, 26%, 60%
HSV	282°, 30%, 71%
XYZ	31.0129, 26.1086, 46.5821
YIQ	143.5180, 5.3140, 24.8500

Conversions

Conversions Part 2

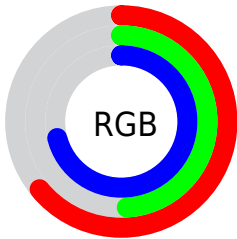
Format	Color
RYB	164, 126, 180
Decimal	10780340
CIELab	58.14, 24.65, -22.87
CIELCh	58, 33.629, 317.144
Yxy	26.1086, 0.2991, 0.2518
Android (android.graphics.Color)	4288970420 (0xFFA47EB4)
YUV	143.5180, 17.9856, 17.9627
Hunter-Lab	51.0966, 18.9209, -18.2840

Details

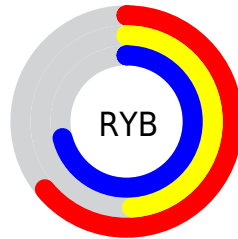
The YIQ color **143.5180, 5.3140, 24.8500** is a light color, and the websafe version is hex **996699**. A complement of this color would be **162.4820, -5.3140, -24.8500**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7570, 6.1390, 26.4190**, and **92.2790, 4.4890, 23.2810** is the 20% darker color. If you saturate the color by 10%, you get **131.4570, 7.2840, 33.2040**, and if you desaturate by 10%, it is **155.5790, 3.3440, 16.4960**.

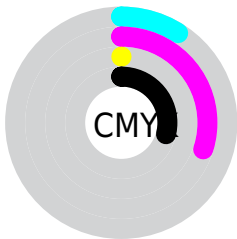
Distribution



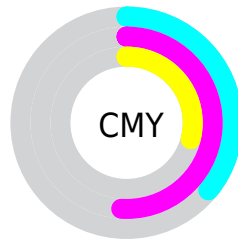
- Red (64%)
- Green (49%)
- Blue (71%)



- Red (64%)
- Yellow (49%)
- Blue (71%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.5180, 5.3140, 24.8500 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 143.5180, 5.3140, 24.8500 by changing the saturation by 10% instead.

■ 143.5180, 5.3140,
24.8500

■ 143.5180, 5.3140,
24.8500

■ 255.0000, -0.0000,
-0.0000

■ 117.6920, 4.7640,
23.8040

■ 197.7570, 6.1390,
26.4190

■ 92.2790, 4.4890,
23.2810

■ 224.7310, 9.0280,
23.6200

■ 68.4530, 3.9390,
22.2350

■ 243.2600, 5.5000,
10.4600

■ 45.6270, 3.3890,
21.1890

■ 23.2140, 3.1140,
20.6660

■ 9.1440, 0.1350,
14.0790

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 143.5180, 5.3140,
24.8500

■ 143.5180, 5.3140,
24.8500

■ 131.4570, 7.2840,
33.2040

■ 155.5790, 3.3440,
16.4960

■ 119.0970, 8.6580,
41.3460

■ 167.9390, 1.9700,
8.3540

■ 107.0360, 10.6280,
49.7000

■ 180.0000, -0.0000,
-0.0000

■ 94.9750, 12.5980,
58.0540

■ 192.0610, -1.9700,
-8.3540

■ 82.6150, 13.9720,
66.1960

■ 204.4210, -3.3440,
-16.4960

70.5540, 15.9420,
74.5500

216.4820, -5.3140,
-24.8500

58.4930, 17.9120,
82.9040

228.5430, -7.2840,
-33.2040

232.0980, -4.5330,
-33.5010

233.5930, -1.5530,
-32.4410

Harmonies

Analogous

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



139.8390, -26.6870, 15.5930



143.5180, 5.3140, 24.8500



143.3330, 30.7600, 26.2480

Triad

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



143.5180, 5.3140, 24.8500



138.8360, 38.1480, -8.5400



114.4500, -81.3770, -28.5210

Complementary

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



143.5180, 5.3140, 24.8500



162.4820, -5.3140, -24.8500

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.



126.2790, -41.3510, -27.0390



143.5180, 5.3140, 24.8500



135.7470, 18.9850, -19.1830

Square

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



143.5180, 5.3140, 24.8500



140.7700, 47.6820, 5.9060



132.5140, -8.3400, -25.0760



112.0540, -97.5170, -22.3570

Rectangle

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



143.5180, 5.3140, 24.8500



142.5590, 41.6270, 22.0350



132.5140, -8.3400, -25.0760



119.2900, -66.2470, -27.3910

Sweetspot

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



143.5180, 5.3140, 24.8500



219.9930, 1.8780, 10.0220



141.5480, -21.7340, 8.4260



108.1730, 1.1910, 5.9510



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.



143.5180, 5.3140, 24.8500



177.6300, 8.4750, 39.1550



147.0480, 18.3810, 24.8210



83.1190, 1.2830, 4.2830



49.7340, 15.2550, 70.4790



8.3460, 2.3820, 11.9020

Inverse Universe

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



143.9700, 27.0480, 16.4240



178.2650, 42.6350, 25.7950



158.9520, -18.3810, -24.8210



83.0330, 4.4010, 2.8410



50.8770, 76.7430, 46.4310



8.6860, 12.9280, 8.0000

Previews

White Background



This preview shows how the YIQ color 143.5180, 5.3140, 24.8500 looks on a white background.

Color Contrast Check

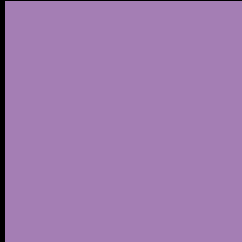
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.5180, 5.3140, 24.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

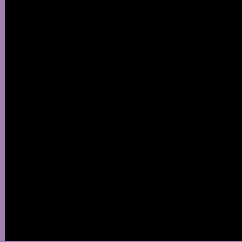
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.5180, 5.3140, 24.8500

Background



This preview shows how black text looks on a background with the YIQ color 143.5180, 5.3140, 24.8500.



This preview shows how white text looks on a background with the YIQ color 143.5180, 5.3140,

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

143.5180, 5.3140, 24.8500

Protanopia

139.9270, -24.1190, 13.1050

Deuteranopia

140.7770, -14.9490, 12.1150



Tritanopia

141.9140, 12.2860, 8.6220

Trichromacy



Original Color

143.5180, 5.3140, 24.8500

Protanomaly

141.4230, -13.7120, 17.2320

Deuteranomaly

141.8320, -7.6140, 16.8500

Tritanomaly

142.2330, 10.1300, 14.6580

Monochromacy



Original Color

143.5180, 5.3140, 24.8500

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.4660, 1.9240, 9.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.5180, 5.3140, 24.8500 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, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 126, 180)  
}
```

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, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 126, 180) }
```

Border

The CSS property to change the border of an element to YIQ 143.5180, 5.3140, 24.8500 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, 126, 180) }
```


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

```
.border{ border-color:rgb(164, 126, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 126, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(164, 126,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 143.5180, 5.3140, 24.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 126, 180) }
```

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

```
.background{ background-color: rgb(164,  
126, 180) }
```

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