

Converting Colors

YIQ(139.7800, -1.8360, 11.2520)

Have a look what the booklet for
YIQ(139.7800, -1.8360, 11.2520)
contains.

YIQ(139.7800, -1.8360, 11.2520)	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(139.7800, -1.8360,
11.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	9185A1
RGB	145, 133, 161
RGB Percent	57%, 52%, 63%
CMY	0.4313, 0.4784, 0.3687
CMYK	0.10, 0.17, 0.00, 0.37
HSL	266°, 13%, 58%
HSV	266°, 17%, 63%
XYZ	26.4983, 25.3675, 37.2146
YIQ	139.7800, -1.8360, 11.2520

Conversions

Conversions Part 2

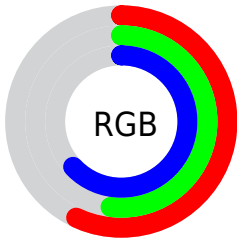
Format	Color
RYB	145, 133, 161
Decimal	9536929
CIELab	57.43, 10.12, -13.23
CIELCh	57, 16.655, 307.416
Yxy	25.3675, 0.2975, 0.2848
Android (android.graphics.Color)	4287727009 (0xFF9185A1)
YUV	139.7800, 10.4615, 4.5779
Hunter-Lab	50.3661, 5.7707, -8.5520

Details

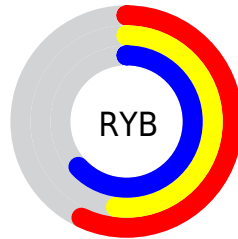
The YIQ color $139.7800, -1.8360, 11.2520$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $154.2200, 1.8360, -11.2520$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $193.3070, -1.8820, 12.0860$, and $89.2530, -1.7900, 10.4180$ is the 20% darker color. If you saturate the color by 10%, you get $127.6970, -2.8000, 17.7120$, and if you desaturate by 10%, it is $151.8630, -0.8720, 4.7920$.

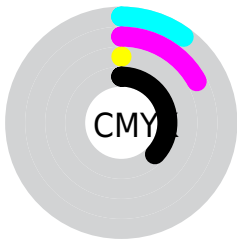
Distribution



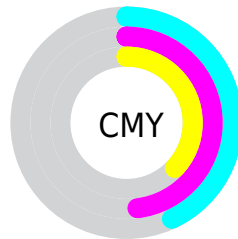
- Red (57%)
- Green (52%)
- Blue (63%)



- Red (57%)
- Yellow (52%)
- Blue (63%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (43%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.7800, -1.8360, 11.2520 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 139.7800, -1.8360, 11.2520 by changing the saturation by 10% instead.

■ 139.7800, -1.8360,
11.2520

■ 139.7800, -1.8360,
11.2520

■ 255.0000, -0.0000,
-0.0000

■ 114.3670, -2.1110,
10.7290

■ 193.3070, -1.8820,
12.0860

■ 89.2530, -1.7900,
10.4180

■ 221.3070, -1.8820,
12.0860

■ 66.1390, -1.4690,
10.1070

■ 247.3690, 3.5750,
6.7990

■ 44.3130, -2.0190,
9.0610

■ 23.1990, -1.6980,
8.7500

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,

0.0000

■ 139.7800, -1.8360,
11.2520

■ 139.7800, -1.8360,
11.2520

■ 127.6970, -2.8000,
17.7120

■ 151.8630, -0.8720,
4.7920

■ 115.6140, -3.7640,
24.1720

■ 163.9460, 0.0920,
-1.6680

■ 103.2320, -5.3240,
30.4200

■ 176.3280, 1.6520,
-7.9160

■ 91.1490, -6.2880,
36.8800

■ 188.4110, 2.6160,
-14.3760

■ 79.0660, -7.2520,
43.3400

■ 200.4940, 3.5800,
-20.8360

■ 66.3960, -7.9410,
50.3230

■ 213.1640, 4.2690,
-27.8190

■ 54.3130, -8.9050,
56.7830

■ 225.2470, 5.2330,
-34.2790

■ 41.9310, -10.4650,
63.0310

■ 233.5200, 8.7180,
-36.8660

■ 38.9850, -10.5570,
64.6990

■ 236.2110, 14.0820,
-34.9580

Harmonies

Analogous

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



137.6040, -16.1400, 6.1640



139.7800, -1.8360, 11.2520



140.5490, 12.0560, 12.7920

Triad

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



139.7800, -1.8360, 11.2520



138.2660, 22.5580, -1.3300



131.9750, -25.2150, -11.0950

Complementary

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



139.7800, -1.8360, 11.2520



154.2200, 1.8360, -11.2520

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.



133.2660, -12.9730, -12.6930



139.7800, -1.8360, 11.2520



136.7870, 13.4810, -7.5350

Square

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



139.7800, -1.8360, 11.2520



139.4500, 25.2160, 5.5680



135.0350, 0.9190, -11.1530



132.3860, -30.6260, -6.6420

Rectangle

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



139.7800, -1.8360, 11.2520



140.7300, 18.7960, 11.7880



135.0350, 0.9190, -11.1530



132.3020, -21.8220, -12.0140

Sweetspot

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



139.7800, -1.8360, 11.2520



201.3360, -0.8260, 3.9580



145.5840, -13.3880, 0.3400



99.6950, -0.4590, 2.8130



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



139.7800, -1.8360, 11.2520



175.6970, -2.8000, 17.7120



143.9660, 6.5080, 14.2200



75.2220, -0.5050, 3.6470



35.0680, -9.5930, 58.2390



4.4440, -1.0100, 7.2940

Inverse Universe

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



143.1960, 11.5520, 10.9120



181.0060, 18.1990, 17.1030



150.0340, -6.5080, -14.2200



76.2610, 3.7590, 3.4630



52.8170, 59.7770, 56.5530



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 139.7800, -1.8360, 11.2520 looks on a white background.

Color Contrast Check

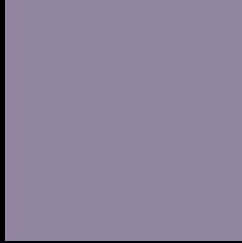
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.7800, -1.8360, 11.2520 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 139.7800, -1.8360, 11.2520

Background



This preview shows how black text looks on a background with the YIQ color 139.7800, -1.8360, 11.2520.



This preview shows how white text looks on a background with the YIQ color 139.7800, -1.8360,

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

139.7800, -1.8360, 11.2520

Protanopia

138.7680, -10.7300, 7.2380

Deuteranopia

139.4590, -5.3660, 9.1460



Tritanopia

139.2330, 0.9620, 4.5940

Trichromacy



Original Color

139.7800, -1.8360, 11.2520

Protanomaly

139.2630, -7.7500, 8.2980

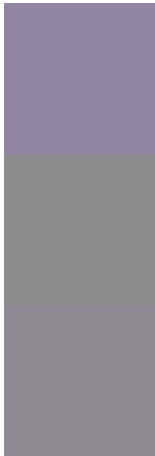
Deuteranomaly

139.4700, -3.8990, 10.0930

Tritanomaly

139.5150, 0.2280, 6.8840

Monochromacy



Original Color

139.7800, -1.8360, 11.2520

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7490, -0.5510, 4.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.7800, -1.8360, 11.2520 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(145, 133, 161)` looks like.

```
.text, #text, p{  
    color:rgb(145, 133, 161)  
}
```

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(145, 133, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 133, 161) }
```

Border

The CSS property to change the border of an element to YIQ 139.7800, -1.8360, 11.2520 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(145, 133, 161) }
```


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

```
.border{ border-color:rgb(145, 133, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 133, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 133, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 133, 161);  
box-shadow:4px 4px 4px 4px rgb(145, 133,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 139.7800, -1.8360, 11.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 133, 161) }
```

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

```
.background{ background-color: rgb(145,  
133, 161) }
```

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