

Converting Colors

YIQ(139.8890, 14.5750, 27.7190)

Have a look what the booklet for
YIQ(139.8890, 14.5750, 27.7190)
contains.

YIQ(139.8890, 14.5750, 27.7190)	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(139.8890, 14.5750,
27.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	AB76AB
RGB	171, 118, 171
RGB Percent	67%, 46%, 67%
CMY	0.3292, 0.5373, 0.3294
CMYK	0.00, 0.31, 0.00, 0.33
HSL	300°, 24%, 57%
HSV	300°, 31%, 67%
XYZ	30.6303, 24.5546, 41.6553
YIQ	139.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

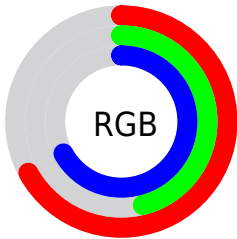
Format	Color
RYB	171, 118, 171
Decimal	11237035
CIELab	56.64, 29.70, -19.95
CIELCh	57, 35.780, 326.112
Yxy	24.5546, 0.3163, 0.2536
Android (android.graphics.Color)	4289427115 (0xFFAB76AB)
YUV	139.8890, 15.3377, 27.2843
Hunter-Lab	49.5526, 23.6207, -15.1541

Details

The YIQ color **139.8890, 14.5750, 27.7190** is a light color, and the websafe version is hex **996699**. A complement of this color would be **149.1110, -14.5750, -27.7190**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0140, 15.7210, 28.9770**, and **88.7640, 13.4290, 26.4610** is the 20% darker color. If you saturate the color by 10%, you get **129.9100, 19.2500, 36.6100**, and if you desaturate by 10%, it is **149.8680, 9.9000, 18.8280**.

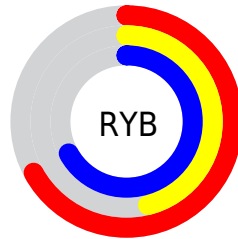
Distribution



Red (67%)

Green (46%)

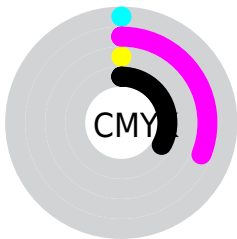
Blue (67%)



Red (67%)

Yellow (46%)

Blue (67%)

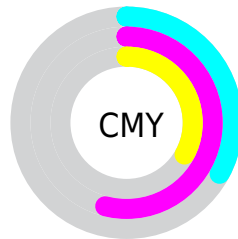


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.8890, 14.5750, 27.7190 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 139.8890, 14.5750, 27.7190 by changing the saturation by 10% instead.

139.8890, 14.5750,
27.7190

139.8890, 14.5750,
27.7190

255.0000, -0.0000,
-0.0000

114.0630, 14.0250,
26.6730

194.0140, 15.7210,
28.9770

88.7640, 13.4290,
26.4610

221.5410, 15.6750,
29.8110

64.6390, 12.2830,
25.2030

238.5640, 7.7000,
14.6440

41.2260, 12.0080,
24.6800

18.5140, 11.1370,
23.9450

9.0580, 3.2530,
12.6370

0.0000, 0.0000,

0.0000

■ 139.8890, 14.5750,
27.7190

■ 139.8890, 14.5750,
27.7190

■ 129.9100, 19.2500,
36.6100

■ 149.8680, 9.9000,
18.8280

■ 119.9310, 23.9250,
45.5010

■ 159.8470, 5.2250,
9.9370

■ 109.9520, 28.6000,
54.3920

■ 169.8260, 0.5500,
1.0460

■ 99.9730, 33.2750,
63.2830

■ 179.8050, -4.1250,
-7.8450

■ 89.4070, 38.2250,
72.6970

■ 190.3710, -9.0750,
-17.2590

■ 79.4280, 42.9000,
81.5880

■ 200.3500,
-13.7500, -26.1500

70.6230, 47.0250,
89.4330

210.3290,
-18.4250, -35.0410

220.3080,
-23.1000, -43.9320

Harmonies

Analogous

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



137.3780, -17.8390, 20.4410



139.8890, 14.5750, 27.7190



138.6390, 38.6460, 26.5020

Triad

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



139.8890, 14.5750, 27.7190



133.9340, 34.7560, -13.1480



107.6920, -93.8020, -29.1140

Complementary

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



139.8890, 14.5750, 27.7190



149.1110, -14.5750, -27.7190

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.



116.7160, -58.8190, -29.8510



139.8890, 14.5750, 27.7190



130.5180, 12.2000, -22.8720

Square

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



139.8890, 14.5750, 27.7190



136.0210, 48.2330, 1.4250



126.0720, -18.8390, -27.5350



108.1940, -100.7270, -19.2470

Rectangle

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



139.8890, 14.5750, 27.7190



137.4410, 47.7710, 20.8190



126.0720, -18.8390, -27.5350



106.5520, -90.5920, -32.2240

Sweetspot

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



139.8890, 14.5750, 27.7190



210.2600, 5.5000, 10.4600



124.0420, -17.0130, 16.4830



104.9560, 3.3000, 6.2760



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



139.8890, 14.5750, 27.7190



173.8660, 22.5500, 42.8860



136.9250, 22.9210, 19.6330



81.7170, 2.4750, 4.7070



61.9500, 41.2500, 78.4500



9.4990, 6.3250, 12.0290

Inverse Universe

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



139.8890, 14.5750, 27.7190



173.8660, 22.5500, 42.8860



152.1890, -23.2420, -19.3220



81.7170, 2.4750, 4.7070



61.9500, 41.2500, 78.4500



9.4990, 6.3250, 12.0290

Previews

White Background



This preview shows how the YIQ color 139.8890, 14.5750, 27.7190 looks on a white background.

Color Contrast Check

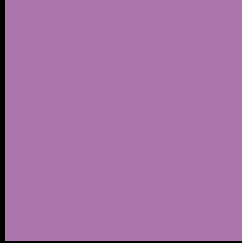
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.8890, 14.5750, 27.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

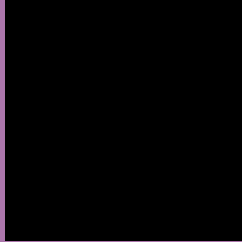
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.8890, 14.5750, 27.7190

Background



This preview shows how black text looks on a background with the YIQ color 139.8890, 14.5750, 27.7190.



This preview shows how white text looks on a background with the YIQ color 139.8890, 14.5750,

27.7190.

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

139.8890, 14.5750, 27.7190

Protanopia

135.9980, -22.8810, 12.6950

Deuteranopia

136.9900, -11.2350, 10.8850



Tritanopia

138.3990, 21.2260, 11.8020

Trichromacy



Original Color

139.8890, 14.5750, 27.7190

Protanomaly

137.4020, -9.2190, 18.4050

Deuteranomaly

138.3550, -1.8370, 16.7790

Tritanomaly

138.7180, 19.0700, 17.8380

Monochromacy



Original Color

139.8890, 14.5750, 27.7190

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8470, 5.2250, 9.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.8890, 14.5750, 27.7190 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(171, 118, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 118, 171)  
}
```

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(171, 118, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 118, 171) }
```

Border

The CSS property to change the border of an element to YIQ 139.8890, 14.5750, 27.7190 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(171, 118, 171) }
```


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

```
.border{ border-color:rgb(171, 118, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 118, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 118, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 118, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 118,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 139.8890, 14.5750, 27.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 118, 171) }
```

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

```
.background{ background-color: rgb(171,  
118, 171) }
```

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