

Converting Colors

YIQ(139.5500, 11.4560, 34.6880)

Have a look what the booklet for
YIQ(139.5500, 11.4560, 34.6880)
contains.

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Color

**YIQ(139.5500, 11.4560,
34.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	AC72BA
RGB	172, 114, 186
RGB Percent	67%, 45%, 73%
CMY	0.3253, 0.5530, 0.2706
CMYK	0.08, 0.39, 0.00, 0.27
HSL	288°, 34%, 59%
HSV	288°, 39%, 73%
XYZ	31.9007, 24.3502, 49.4716
YIQ	139.5500, 11.4560, 34.6880

Conversions

Conversions Part 2

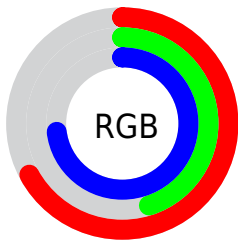
Format	Color
R _Y B	172, 114, 186
Decimal	11301562
CIE Lab	56.44, 35.25, -28.86
CIE LCh	56, 45.558, 320.687
Yxy	24.3502, 0.3017, 0.2303
Android (android.graphics.Color)	4289491642 (0xFFAC72BA)
YUV	139.5500, 22.8999, 28.4587
Hunter-Lab	49.3459, 29.0399, -24.8989

Details

The YIQ color **139.5500, 11.4560, 34.6880** is a light color, and the websafe version is hex **996699**. A complement of this color would be **160.4500, -11.4560, -34.6880**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7890, 12.2810, 36.2570**, and **88.0120, 10.0350, 32.9070** is the 20% darker color. If you saturate the color by 10%, you get **127.2010, 14.2970, 43.7770**, and if you desaturate by 10%, it is **151.8990, 8.6150, 25.5990**.

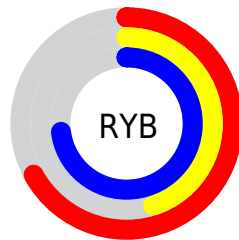
Distribution



Red (67%)

Green (45%)

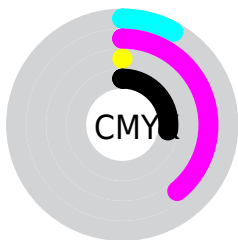
Blue (73%)



Red (67%)

Yellow (45%)

Blue (73%)

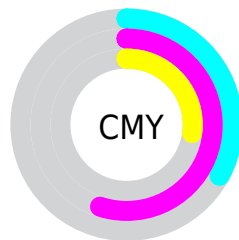


Cyan (8%)

Magenta (39%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.5500, 11.4560, 34.6880 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 139.5500, 11.4560, 34.6880 by changing the saturation by 10% instead.

■ 139.5500, 11.4560,
34.6880

■ 139.5500, 11.4560,
34.6880

■ 255.0000, -0.0000,
-0.0000

■ 113.7240, 10.9060,
33.6420

■ 193.7890, 12.2810,
36.2570

■ 88.0120, 10.0350,
32.9070

■ 219.1930, 16.7750,
31.9030

■ 63.4850, 10.0810,
32.0730

■ 236.2160, 8.8000,
16.7360

■ 38.5990, 9.7600,
32.3840

■ 253.2390, 0.8250,
1.5690

■ 19.8820, 7.2850,
27.6770

■ 10.1980, 0.0430,
15.7470

■ 2.0690, -4.4480,

3.5200

■ 0.0000, 0.0000,
0.0000

■ 139.5500, 11.4560,
34.6880

■ 139.5500, 11.4560,
34.6880

■ 127.2010, 14.2970,
43.7770

■ 151.8990, 8.6150,
25.5990

■ 115.7380, 17.4590,
52.5550

■ 163.3620, 5.4530,
16.8210

■ 103.3890, 20.3000,
61.6440

■ 175.7110, 2.6120,
7.7320

■ 91.9260, 23.4620,
70.4220

■ 187.1740, -0.5500,
-1.0460

■ 79.5770, 26.3030,
79.5110

■ 199.5230, -3.3910,
-10.1350

67.2280, 29.1440,
88.6000

211.8720, -6.2320,
-19.2240

66.0540, 29.6940,
89.6460

223.3350, -9.3940,
-28.0020

230.9880,
-10.0350, -32.9070

231.8850, -8.2470,
-32.2710

Harmonies

Analogous

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



135.2330, -33.4280, 22.1240



139.5500, 11.4560, 34.6880



137.2580, 44.5130, 35.8170

Triad

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



139.5500, 11.4560, 34.6880



132.5240, 47.5940, -14.5340



109.4530, -94.6270, -30.6830

Complementary

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



139.5500, 11.4560, 34.6880



160.4500, -11.4560, -34.6880

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.



104.1920, -81.1910, -42.9110



139.5500, 11.4560, 34.6880



129.0210, 20.7290, -28.7670

Square

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



139.5500, 11.4560, 34.6880



134.0720, 61.3910, 5.2550



122.6280, -17.8290, -34.8290



111.5680, -104.7160, -18.5400

Rectangle

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



139.5500, 11.4560, 34.6880



135.8000, 57.3060, 29.7380



122.6280, -17.8290, -34.8290



107.9710, -90.4540, -34.7260

Sweetspot

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



139.5500, 11.4560, 34.6880



223.4820, 4.9950, 14.1070



130.4260, -26.9620, 15.0700



111.1240, 2.8870, 8.2550



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



139.5500, 11.4560, 34.6880



170.5640, 18.0090, 53.6010



141.2280, 26.8620, 30.8140



86.1190, 1.2830, 4.2830



55.1590, 24.4240, 75.0160



10.0690, 4.7200, 13.5840

Inverse Universe

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



137.1240, 38.4180, 19.6180



166.5830, 59.4150, 30.0630



158.7720, -26.8620, -30.8140



85.8050, 5.0430, 2.2190



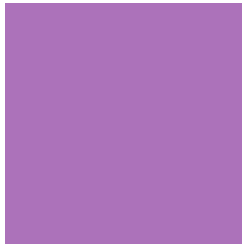
50.0640, 83.3460, 42.4020



8.9420, 15.0830, 7.4910

Previews

White Background



This preview shows how the YIQ color 139.5500, 11.4560, 34.6880 looks on a white background.

Color Contrast Check

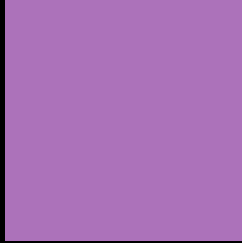
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.5500, 11.4560, 34.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

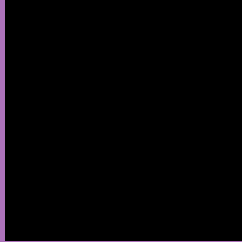
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.5500, 11.4560, 34.6880

Background



This preview shows how black text looks on a background with the YIQ color 139.5500, 11.4560, 34.6880.



This preview shows how white text looks on a background with the YIQ color 139.5500, 11.4560,

34.6880.

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

139.5500, 11.4560, 34.6880

Protanopia

134.8860, -34.0690, 17.2190

Deuteranopia

136.1830, -21.9640, 12.5960



Tritanopia

137.9860, 20.9510, 11.2790

Trichromacy



Original Color

139.5500, 11.4560, 34.6880

Protanomaly

136.3720, -17.7020, 23.4660

Deuteranomaly

137.5700, -9.6320, 20.3840

Tritanomaly

138.7010, 17.7400, 19.9160

Monochromacy



Original Color

139.5500, 11.4560, 34.6880

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2430, 4.1700, 12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.5500, 11.4560, 34.6880 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(172, 114, 186)` looks like.

```
.text, #text, p{  
    color:rgb(172, 114, 186)  
}
```

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(172, 114, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 114, 186) }
```

Border

The CSS property to change the border of an element to YIQ 139.5500, 11.4560, 34.6880 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(172, 114, 186) }
```


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

```
.border{ border-color:rgb(172, 114, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 114, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 114, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 114, 186);  
box-shadow:4px 4px 4px 4px rgb(172, 114,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 139.5500, 11.4560, 34.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 114, 186) }
```

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

```
.background{ background-color: rgb(172,  
114, 186) }
```

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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