

Converting Colors

YIQ(139.3090, 22.1400, 28.2840)

Have a look what the booklet for
YIQ(139.3090, 22.1400, 28.2840)
contains.

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Color

**YIQ(139.3090, 22.1400,
28.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	B273A3
RGB	178, 115, 163
RGB Percent	70%, 45%, 64%
CMY	0.3018, 0.5491, 0.3607
CMYK	0.00, 0.35, 0.08, 0.30
HSL	314°, 29%, 57%
HSV	314°, 35%, 70%
XYZ	31.1104, 24.3707, 37.7207
YIQ	139.3090, 22.1400, 28.2840

Conversions

Conversions Part 2

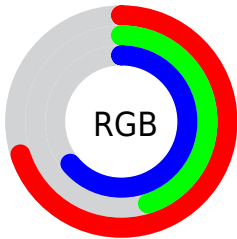
Format	Color
RYB	178, 115, 163
Decimal	11695011
CIELab	56.46, 32.27, -15.54
CIElCh	56, 35.814, 334.285
Yxy	24.3707, 0.3338, 0.2615
Android (android.graphics.Color)	4289885091 (0xFFB273A3)
YUV	139.3090, 11.6797, 33.9320
Hunter-Lab	49.3667, 26.0972, -10.7464

Details

The YIQ color **139.3090, 22.1400, 28.2840** is a light color, and the websafe version is hex **996699**. A complement of this color would be **153.6910, -22.1400, -28.2840**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7330, 23.8820, 29.7540**, and **87.8850, 20.3980, 26.8140** is the 20% darker color. If you saturate the color by 10%, you get **128.2870, 28.3740, 36.4540**, and if you desaturate by 10%, it is **150.3310, 15.9060, 20.1140**.

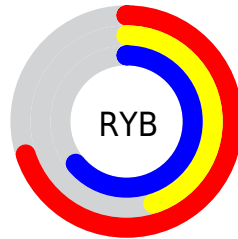
Distribution



Red (70%)

Green (45%)

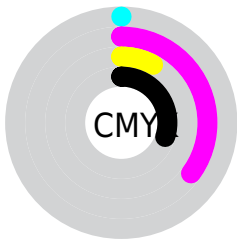
Blue (64%)



Red (70%)

Yellow (45%)

Blue (64%)

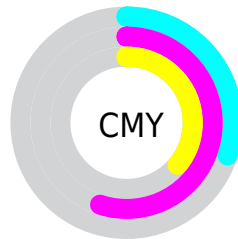


Cyan (0%)

Magenta (35%)

Yellow (8%)

Black (30%)



Cyan (30%)


Magenta (55%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 139.3090, 22.1400, 28.2840 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 139.3090, 22.1400, 28.2840 by changing the saturation by 10% instead.


 139.3090, 22.1400,
28.2840

 139.3090, 22.1400,
28.2840


255.0000, -0.0000,
-0.0000

 113.5970, 21.2690,
27.5490


 193.7330, 23.8820,
29.7540

 87.8850, 20.3980,
26.8140


 218.7540, 19.3890,
28.5810

 63.2870, 19.2060,
26.3900

 236.8030, 8.5250,
16.2130

 38.9880, 18.6100,
26.1780

253.8260, 0.5500,
1.0460

 19.3250, 16.0430,
23.1390

 10.0540, 9.0760,
11.7320

 0.0000, 0.0000,

0.0000

■ 139.3090, 22.1400,
28.2840

■ 139.3090, 22.1400,
28.2840

■ 128.2870, 28.3740,
36.4540

■ 150.3310, 15.9060,
20.1140

■ 117.2650, 34.6080,
44.6240

■ 161.4670, 9.3510,
12.2550

■ 106.7160, 40.8880,
51.9600

■ 171.9020, 3.3920,
4.6080

■ 95.6940, 47.1220,
60.1300

■ 182.9240, -2.8420,
-3.5620

■ 84.6720, 53.3560,
68.3000

■ 193.9460, -9.0760,
-11.7320

■ 73.6500, 59.5900,
76.4700

■ 204.9680,
-15.3100, -19.9020

68.7260, 62.4320,
80.0320

216.1040,
-21.8650, -27.7610

225.3650,
-27.2740, -34.3620

225.8210,
-28.5580, -33.1180

Harmonies

Analogous

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



138.3360, -8.8530, 22.7870



139.3090, 22.1400, 28.2840



137.6240, 43.0020, 24.6500

Triad

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



139.3090, 22.1400, 28.2840



132.6020, 29.7590, -16.2010



107.9030, -95.7740, -26.4140

Complementary

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



139.3090, 22.1400, 28.2840



153.6910, -22.1400, -28.2840

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.



110.4520, -75.6910, -32.4510



139.3090, 22.1400, 28.2840



129.2720, 4.0850, -24.4830

Square

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



139.3090, 22.1400, 28.2840



134.8310, 45.7120, -2.4480



123.2820, -28.2380, -27.9020



112.8580, -90.7330, -13.1410

Rectangle

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



139.3090, 22.1400, 28.2840



136.7030, 49.7890, 17.2850



123.2820, -28.2380, -27.9020



106.8770, -92.8850, -29.2130

Sweetspot

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



139.3090, 22.1400, 28.2840



216.6410, 8.8010, 11.2090



126.6670, -11.2830, 22.7730



107.8530, 5.0880, 6.9120



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.



139.3090, 22.1400, 28.2840



170.5640, 35.2040, 44.8360



135.7750, 32.0910, 18.6430



83.4890, 3.1170, 4.0850



59.0850, 53.6310, 68.8230



9.9400, 9.3970, 11.4210

Inverse Universe

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



139.3090, 22.1400, 28.2840



170.5640, 35.2040, 44.8360



157.2250, -32.0910, -18.6430



83.4890, 3.1170, 4.0850



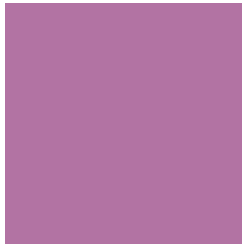
59.0850, 53.6310, 68.8230



9.9400, 9.3970, 11.4210

Previews

White Background



This preview shows how the YIQ color 139.3090, 22.1400, 28.2840 looks on a white background.

Color Contrast Check

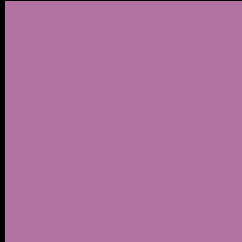
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.3090, 22.1400, 28.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

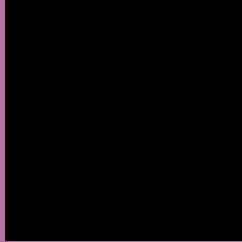
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.3090, 22.1400, 28.2840

Background



This preview shows how black text looks on a background with the YIQ color 139.3090, 22.1400, 28.2840.



This preview shows how white text looks on a background with the YIQ color 139.3090, 22.1400,

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

139.3090, 22.1400, 28.2840

Protanopia

136.2110, -19.1670, 11.4650

Deuteranopia

137.2740, -6.2830, 9.2450



Tritanopia

137.8730, 28.6990, 14.0350

Trichromacy



Original Color

139.3090, 22.1400, 28.2840

Protanomaly

137.2130, -4.3130, 17.5990

Deuteranomaly

137.7640, 4.2610, 16.3970

Tritanomaly

138.3660, 25.9930, 19.0250

Monochromacy



Original Color

139.3090, 22.1400, 28.2840

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9290, 7.9300, 10.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.3090, 22.1400, 28.2840 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(178, 115, 163)` looks like.

```
.text, #text, p{  
    color:rgb(178, 115, 163)  
}
```

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(178, 115, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 115, 163) }
```

Border

The CSS property to change the border of an element to YIQ 139.3090, 22.1400, 28.2840 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(178, 115, 163) }
```


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

```
.border{ border-color:rgb(178, 115, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 115, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 115, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 115, 163);  
box-shadow:4px 4px 4px 4px rgb(178, 115,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 139.3090, 22.1400, 28.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 115, 163) }
```

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

```
.background{ background-color: rgb(178,  
115, 163) }
```

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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