

Converting Colors

YIQ(139.4480, 37.8660, 29.6260)

Have a look what the booklet for
YIQ(139.4480, 37.8660, 29.6260)
contains.

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Color

**YIQ(139.4480, 37.8660,
29.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	C26E94
RGB	194, 110, 148
RGB Percent	76%, 43%, 58%
CMY	0.2390, 0.5687, 0.4195
CMYK	0.00, 0.43, 0.24, 0.24
HSL	333°, 41%, 60%
HSV	333°, 43%, 76%
XYZ	33.1826, 24.7602, 31.0601
YIQ	139.4480, 37.8660, 29.6260

Conversions

Conversions Part 2

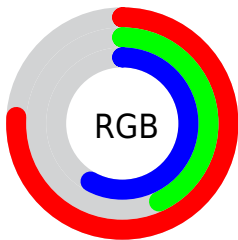
Format	Color
RYB	194, 110, 148
Decimal	12742292
CIELab	56.84, 38.10, -6.07
CIElCh	57, 38.579, 350.949
Yxy	24.7602, 0.3728, 0.2782
Android (android.graphics.Color)	4290932372 (0xFFC26E94)
YUV	139.4480, 4.2161, 47.8421
Hunter-Lab	49.7597, 31.9548, -2.1771

Details

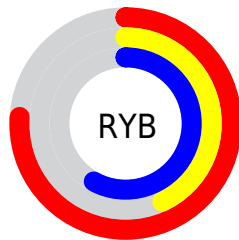
The YIQ color $139.4480, 37.8660, 29.6260$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $164.5520, -37.8660, -29.6260$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $194.0570, 40.5250, 30.9970$, and $86.9530, 34.8860, 28.5660$ is the 20% darker color. If you saturate the color by 10%, you get $127.0410, 46.6220, 36.1420$, and if you desaturate by 10%, it is $151.8550, 29.1100, 23.1100$.

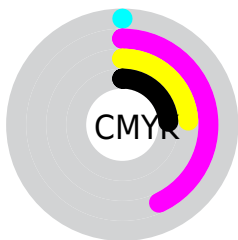
Distribution



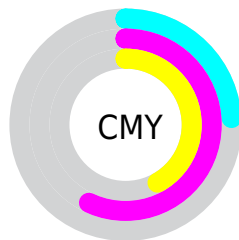
- Red (76%)
- Green (43%)
- Blue (58%)



- Red (76%)
- Yellow (43%)
- Blue (58%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (24%)





- Cyan (24%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.4480, 37.8660, 29.6260 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 139.4480, 37.8660, 29.6260 by changing the saturation by 10% instead.


 139.4480, 37.8660,
29.6260


 139.4480, 37.8660,
29.6260


255.0000, -0.0000,
-0.0000

 112.8500, 36.6740,
29.2020


 194.0570, 40.5250,
30.9970


 86.9530, 34.8860,
28.5660


 214.5820, 25.6250,
25.6970


 61.5830, 33.0520,
28.7640

 233.8680, 9.9000,
18.8280

 33.5770, 33.1890,
31.7890

 250.8910, 1.9250,
3.6610

 21.3600, 26.1300,
22.0500

 11.7040, 21.6850,
8.9890

 0.0000, 0.0000,

0.0000

■ 139.4480, 37.8660,
29.6260

■ 139.4480, 37.8660,
29.6260

■ 127.0410, 46.6220,
36.1420

■ 151.8550, 29.1100,
23.1100

■ 114.1610, 55.3320,
43.4920

■ 164.7350, 20.4000,
15.7600

■ 101.7540, 64.0880,
50.0080

■ 177.1420, 11.6440,
9.2440

■ 88.8740, 72.7980,
57.3580

■ 190.1360, 2.6130,
2.2050

■ 76.4670, 81.5540,
63.8740

■ 202.4290, -5.8220,
-4.6220

■ 68.0380, 87.3760,
68.4960

■ 214.8360,
-14.5780, -11.1380

■ 227.7160,
-23.2880, -18.4880

■ 234.2530,
-29.2940, -19.7740

■ 235.5070,
-32.8250, -16.3530

Harmonies

Analogous

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



140.4910, 9.9440, 29.0480



139.4480, 37.8660, 29.6260



137.6650, 52.9520, 20.5360

Triad

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



139.4480, 37.8660, 29.6260



131.6280, 17.7020, -23.4660



109.4820, -101.5980, -19.9820

Complementary

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



139.4480, 37.8660, 29.6260



164.5520, -37.8660, -29.6260

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.



108.5240, -93.3890, -31.0930



139.4480, 37.8660, 29.6260



126.4700, -14.2080, -28.8640

Square

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



139.4480, 37.8660, 29.6260



134.3970, 40.7620, -11.8620



116.0210, -58.3600, -32.6640



124.0120, -70.1950, 0.1170

Rectangle

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



139.4480, 37.8660, 29.6260



136.5260, 54.4210, 10.4290



116.0210, -58.3600, -32.6640



109.6300, -99.2590, -23.8270

Sweetspot

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



139.4480, 37.8660, 29.6260



231.1640, 14.5780, 11.1380



133.0310, -0.1440, 35.6640



114.3050, 9.6270, 7.2510



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



139.4480, 37.8660, 29.6260



167.0090, 58.8160, 46.4320



136.8770, 49.2390, 16.2390



90.5600, 4.3550, 3.6750



56.4610, 72.5230, 56.8350



11.5770, 14.8530, 11.6610

Inverse Universe

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



139.4480, 37.8660, 29.6260



167.0090, 58.8160, 46.4320



167.1230, -49.2390, -16.2390



90.5600, 4.3550, 3.6750



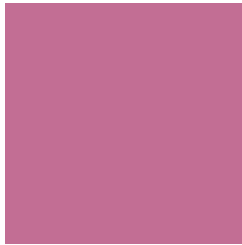
56.4610, 72.5230, 56.8350



11.5770, 14.8530, 11.6610

Previews

White Background



This preview shows how the YIQ color 139.4480, 37.8660, 29.6260 looks on a white background.

Color Contrast Check

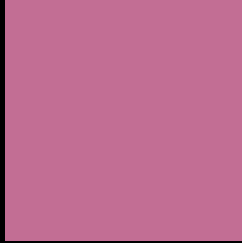
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.4480, 37.8660, 29.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

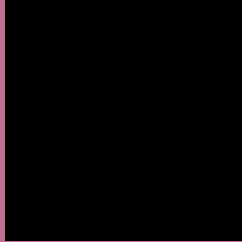
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 139.4480, 37.8660, 29.6260

Background



This preview shows how black text looks on a background with the YIQ color 139.4480, 37.8660, 29.6260.



This preview shows how white text looks on a background with the YIQ color 139.4480, 37.8660,

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

139.4480, 37.8660, 29.6260

Protanopia

137.8110, -12.2890, 7.9590

Deuteranopia

138.4400, 4.8130, 6.3890



Tritanopia

138.9350, 43.3240, 18.8120

Trichromacy



Original Color

139.4480, 37.8660, 29.6260

Protanomaly

138.7210, 5.8200, 15.6760

Deuteranomaly

138.9410, 16.8240, 14.4880

Tritanomaly

139.0860, 41.5810, 22.8690

Monochromacy



Original Color

139.4480, 37.8660, 29.6260

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8650, 13.9820, 10.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.4480, 37.8660, 29.6260 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(194, 110, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 110, 148)  
}
```

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(194, 110, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 110, 148) }
```

Border

The CSS property to change the border of an element to YIQ 139.4480, 37.8660, 29.6260 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(194, 110, 148) }
```


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

```
.border{ border-color:rgb(194, 110, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 110, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 110, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 110, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 110,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 139.4480, 37.8660, 29.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 110, 148) }
```

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

```
.background{ background-color: rgb(194,  
110, 148) }
```

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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