

Converting Colors

YIQ(144.5440, 28.7880, 28.9480)

Have a look what the booklet for
YIQ(144.5440, 28.7880, 28.9480)
contains.

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Color

**YIQ(144.5440, 28.7880,
28.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	BE76A2
RGB	190, 118, 162
RGB Percent	75%, 46%, 64%
CMY	0.2547, 0.5374, 0.3646
CMYK	0.00, 0.38, 0.15, 0.25
HSL	323°, 36%, 60%
HSV	323°, 38%, 75%
XYZ	34.2462, 26.5128, 37.5045
YIQ	144.5440, 28.7880, 28.9480

Conversions

Conversions Part 2

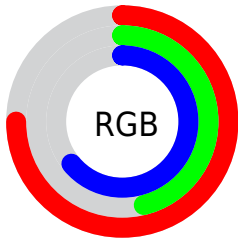
Format	Color
RYB	190, 118, 162
Decimal	12482210
CIELab	58.52, 34.58, -11.71
CIELCh	59, 36.511, 341.288
Yxy	26.5128, 0.3485, 0.2698
Android (android.graphics.Color)	4290672290 (0xFFBE76A2)
YUV	144.5440, 8.6058, 39.8649
Hunter-Lab	51.4906, 28.6110, -7.1419

Details

The YIQ color **144.5440, 28.7880, 28.9480** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **163.4560, -28.7880, -28.9480**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9680, 30.5300, 30.4180**, and **92.8210, 26.4500, 27.2660** is the 20% darker color. If you saturate the color by 10%, you get **132.5930, 36.2600, 36.7080**, and if you desaturate by 10%, it is **156.4950, 21.3160, 21.1880**.

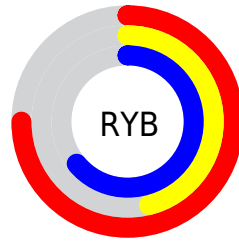
Distribution



Red (75%)

Green (46%)

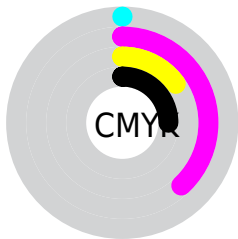
Blue (64%)



Red (75%)

Yellow (46%)

Blue (64%)

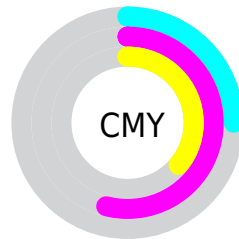


Cyan (0%)

Magenta (38%)

Yellow (15%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.5440, 28.7880, 28.9480 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 144.5440, 28.7880, 28.9480 by changing the saturation by 10% instead.

■ 144.5440, 28.7880,
28.9480

■ 144.5440, 28.7880,
28.9480

255.0000, -0.0000,
-0.0000

■ 117.9460, 27.5960,
28.5240

■ 198.9680, 30.5300,
30.4180

■ 92.8210, 26.4500,
27.2660

■ 220.9880, 18.6100,
26.1780

■ 67.6360, 25.5330,
27.3650

■ 238.5640, 7.7000,
14.6440

■ 42.5650, 24.2950,
27.7750

■ 22.0160, 21.4070,
25.0470

■ 13.6420, 16.2280,
14.2760

■ 0.0000, 0.0000,

0.0000

■ 144.5440, 28.7880,
28.9480

■ 144.5440, 28.7880,
28.9480

■ 132.5930, 36.2600,
36.7080

■ 156.4950, 21.3160,
21.1880

■ 120.5280, 44.0530,
44.1570

■ 168.5600, 13.5230,
13.7390

■ 108.5770, 51.5250,
51.9170

■ 180.5110, 6.0510,
5.9790

■ 96.5120, 59.3180,
59.3660

■ 192.5760, -1.7420,
-1.4700

■ 84.5610, 66.7900,
67.1260

■ 204.5270, -9.2140,
-9.2300

■ 72.6100, 74.2620,
74.8860

■ 216.4780,
-16.6860, -16.9900

70.0340, 76.0040,
76.3560

228.5430,
-24.4790, -24.4390

231.6890,
-27.8260, -24.3540

232.6010,
-30.3940, -21.8660

Harmonies

Analogous

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



144.5220, -0.5090, 25.7550



144.5440, 28.7880, 28.9480



142.7230, 47.0370, 23.1090

Triad

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



144.5440, 28.7880, 28.9480



137.2700, 24.7620, -19.2540



112.3200, -101.3220, -24.9860

Complementary

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



144.5440, 28.7880, 28.9480



163.4560, -28.7880, -28.9480

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.



110.0740, -92.2420, -35.3620



144.5440, 28.7880, 28.9480



133.0970, -2.7920, -26.5040

Square

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



144.5440, 28.7880, 28.9480



139.8260, 44.1080, -6.4200



126.6660, -38.1870, -29.3150



125.0170, -77.7590, -5.9750

Rectangle

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



144.5440, 28.7880, 28.9480



141.7910, 52.3570, 14.7970



126.6660, -38.1870, -29.3150



111.8810, -98.7080, -28.3080

Sweetspot

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



144.5440, 28.7880, 28.9480



230.0110, 10.6350, 11.0110



134.5800, -6.4240, 28.3280



114.9240, 6.3260, 6.5020



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



144.5440, 28.7880, 28.9480



175.6530, 45.1990, 45.4150



140.4400, 40.3440, 17.7520



88.3750, 3.4380, 3.7740



58.3000, 63.0310, 63.6630



11.4350, 12.3770, 12.4810

Inverse Universe

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



144.5440, 28.7880, 28.9480



175.6530, 45.1990, 45.4150



167.5600, -40.3440, -17.7520



88.3750, 3.4380, 3.7740



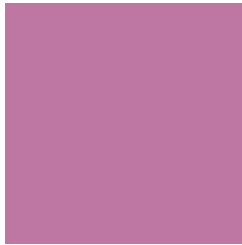
58.3000, 63.0310, 63.6630



11.4350, 12.3770, 12.4810

Previews

White Background



This preview shows how the YIQ color 144.5440, 28.7880, 28.9480 looks on a white background.

Color Contrast Check

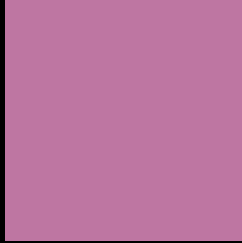
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.5440, 28.7880, 28.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

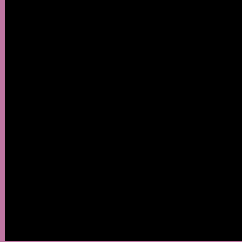
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.5440, 28.7880, 28.9480

Background



This preview shows how black text looks on a background with the YIQ color 144.5440, 28.7880, 28.9480.



This preview shows how white text looks on a background with the YIQ color 144.5440, 28.7880,

28.9480.

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

144.5440, 28.7880, 28.9480

Protanopia

141.8260, -16.6450, 9.8110

Deuteranopia

142.4980, -1.1020, 8.9620



Tritanopia

143.2760, 34.9340, 16.6780

Trichromacy



Original Color

144.5440, 28.7880, 28.9480

Protanomaly

142.8390, -0.3240, 16.8920

Deuteranomaly

143.2870, 10.0380, 16.3260

Tritanomaly

143.6550, 32.5490, 21.3570

Monochromacy



Original Color

144.5440, 28.7880, 28.9480

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

144.5980, 10.3600, 10.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.5440, 28.7880, 28.9480 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(190, 118, 162)` looks like.

```
.text, #text, p{  
    color:rgb(190, 118, 162)  
}
```

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(190, 118, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 118, 162) }
```

Border

The CSS property to change the border of an element to YIQ 144.5440, 28.7880, 28.9480 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(190, 118, 162) }
```


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

```
.border{ border-color:rgb(190, 118, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 118, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 118, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 118, 162); box-shadow:4px 4px 4px 4px rgb(190, 118, 162) }
```

Background

The CSS property to change the background color of an element to YIQ 144.5440, 28.7880, 28.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 118, 162) }
```

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

```
.background{ background-color: rgb(190,  
118, 162) }
```

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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