

Converting Colors

YIQ(144.0850, 43.3220, 29.8660)

Have a look what the booklet for
YIQ(144.0850, 43.3220, 29.8660)
contains.

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Color

**YIQ(144.0850, 43.3220,
29.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7193
RGB	204, 113, 147
RGB Percent	80%, 44%, 58%
CMY	0.1998, 0.5570, 0.4234
CMYK	0.00, 0.45, 0.28, 0.20
HSL	338°, 47%, 62%
HSV	338°, 45%, 80%
XYZ	36.0887, 26.7554, 30.8813
YIQ	144.0850, 43.3220, 29.8660

Conversions

Conversions Part 2

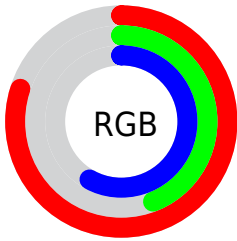
Format	Color
RYB	204, 113, 147
Decimal	13398419
CIELab	58.75, 39.87, -2.53
CIELCh	59, 39.954, 356.370
Yxy	26.7554, 0.3850, 0.2855
Android (android.graphics.Color)	4291588499 (0xFFCC7193)
YUV	144.0850, 1.4371, 52.5455
Hunter-Lab	51.7256, 34.0186, 0.8106

Details

The YIQ color **144.0850, 43.3220, 29.8660** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.9150, -43.3220, -29.8660**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1880, 41.5340, 29.2300**, and **91.4050, 39.4250, 28.9050** is the 20% darker color. If you saturate the color by 10%, you get **130.8630, 52.9950, 36.2830**, and if you desaturate by 10%, it is **157.3070, 33.6490, 23.4490**.

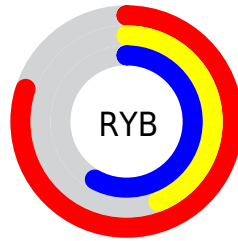
Distribution



Red (80%)

Green (44%)

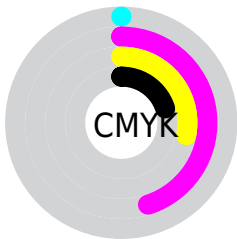
Blue (58%)



Red (80%)

Yellow (44%)

Blue (58%)

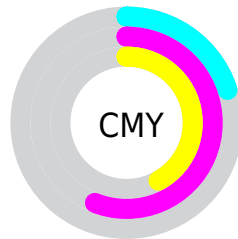


Cyan (0%)

Magenta (45%)

Yellow (28%)

Black (20%)



Cyan (20%)


Magenta (56%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 144.0850, 43.3220, 29.8660 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 144.0850, 43.3220, 29.8660 by changing the saturation by 10% instead.


 144.0850, 43.3220,
29.8660


 144.0850, 43.3220,
29.8660


255.0000, -0.0000,
-0.0000


 117.1880, 41.5340,
29.2300


 197.1880, 41.5340,
29.2300

 91.4050, 39.4250,
28.9050


 216.2290, 25.1210,
23.8170


 65.3340, 38.1870,
29.3150

 236.2160, 8.8000,
16.7360

 36.4420, 38.0030,
32.6510

 253.2390, 0.8250,
1.5690

 23.4530, 30.3020,
23.5340

 13.9820, 26.7740,
10.3740

 0.0000, 0.0000,

0.0000

■ 144.0850, 43.3220,
29.8660

■ 144.0850, 43.3220,
29.8660

■ 130.8630, 52.9950,
36.2830

■ 157.3070, 33.6490,
23.4490

■ 117.0540, 62.9430,
43.2230

■ 171.1160, 23.7010,
16.5090

■ 103.9460, 72.2950,
49.9510

■ 184.2240, 14.3490,
9.7810

■ 90.1370, 82.2430,
56.8910

■ 198.0330, 4.4010,
2.8410

■ 76.9150, 91.9160,
63.3080

■ 211.2550, -5.2720,
-3.5760

■ 69.6600, 97.1880,
66.8840

■ 224.4770,
-14.9450, -9.9930

■ 237.5850,
-24.2970, -16.7210

■ 239.0670,
-28.4700, -12.6780

■ 239.7510,
-30.3960, -10.8120

Harmonies

Analogous

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



145.7800, 16.5000, 31.3800



144.0850, 43.3220, 29.8660



142.1660, 55.7950, 18.5710

Triad

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



144.0850, 43.3220, 29.8660



135.7090, 12.9800, -25.9960



113.6710, -106.5040, -19.1760

Complementary

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



144.0850, 43.3220, 29.8660



172.9150, -43.3220, -29.8660

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.



112.8270, -98.6160, -29.9760



144.0850, 43.3220, 29.8660



129.6970, -22.2770, -31.3090

Square

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



144.0850, 43.3220, 29.8660



138.9190, 39.1120, -15.0000



114.2190, -76.6530, -37.0450



131.5830, -64.3730, 4.7390

Rectangle

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



144.0850, 43.3220, 29.8660



141.3150, 56.3930, 7.7290



114.2190, -76.6530, -37.0450



113.9330, -104.4860, -22.7100

Sweetspot

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



144.0850, 43.3220, 29.8660



233.2350, 15.8160, 10.7280



140.1180, 4.1650, 40.1730



114.1910, 9.9480, 6.9400



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.



144.0850, 43.3220, 29.8660



164.1900, 65.5560, 45.4280



146.6660, 51.2110, 13.5390



95.4460, 4.6760, 3.3640



56.7020, 79.0340, 54.4740



12.9580, 18.1540, 12.4100

Inverse Universe

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



144.0850, 43.3220, 29.8660



164.1900, 65.5560, 45.4280



170.3340, -51.2110, -13.5390



95.4460, 4.6760, 3.3640



56.7020, 79.0340, 54.4740



12.9580, 18.1540, 12.4100

Previews

White Background



This preview shows how the YIQ color 144.0850, 43.3220, 29.8660 looks on a white background.

Color Contrast Check

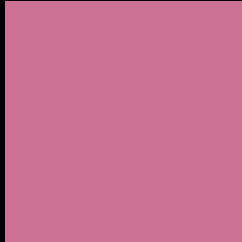
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.0850, 43.3220, 29.8660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

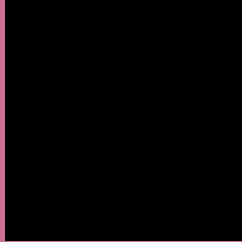
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.0850, 43.3220, 29.8660

Background



This preview shows how black text looks on a background with the YIQ color 144.0850, 43.3220, 29.8660.



This preview shows how white text looks on a background with the YIQ color 144.0850, 43.3220,

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

144.0850, 43.3220, 29.8660

Protanopia

142.7250, -9.1710, 6.5170

Deuteranopia

143.0660, 8.8020, 5.6820



Tritanopia

143.4410, 47.7710, 20.8190

Trichromacy



Original Color

144.0850, 43.3220, 29.8660

Protanomaly

143.3470, 9.8090, 14.9690

Deuteranomaly

143.2790, 21.6840, 14.5160

Tritanomaly

144.0650, 46.0740, 24.0420

Monochromacy



Original Color

144.0850, 43.3220, 29.8660

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.2350, 15.8160, 10.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.0850, 43.3220, 29.8660 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(204, 113, 147)` looks like.

```
.text, #text, p{  
    color:rgb(204, 113, 147)  
}
```

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(204, 113, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 113, 147) }
```

Border

The CSS property to change the border of an element to YIQ 144.0850, 43.3220, 29.8660 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(204, 113, 147) }
```


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

```
.border{ border-color:rgb(204, 113, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 113, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 113, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 113, 147);  
box-shadow:4px 4px 4px 4px rgb(204, 113,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 144.0850, 43.3220, 29.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 113, 147) }
```

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

```
.background{ background-color: rgb(204,  
113, 147) }
```

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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