

Converting Colors

YIQ(143.8460, 42.4970, 28.2970)

Have a look what the booklet for
YIQ(143.8460, 42.4970, 28.2970)
contains.

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Color

**YIQ(143.8460, 42.4970,
28.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7291
RGB	202, 114, 145
RGB Percent	79%, 45%, 57%
CMY	0.2076, 0.5531, 0.4312
CMYK	0.00, 0.44, 0.28, 0.21
HSL	339°, 45%, 62%
HSV	339°, 44%, 79%
XYZ	35.4997, 26.6365, 30.0733
YIQ	143.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

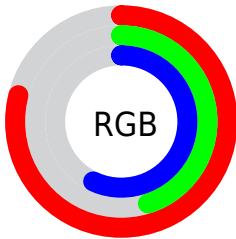
Format	Color
R_{YB}	202, 114, 145
Decimal	13267601
CIE _{Lab}	58.64, 38.37, -1.56
CIE _{LCh}	59, 38.404, 357.665
Yxy	26.6365, 0.3850, 0.2889
Android (android.graphics.Color)	4291457681 (0xFFCA7291)
YUV	143.8460, 0.5689, 51.0011
Hunter-Lab	51.6105, 32.4608, 1.5793

Details

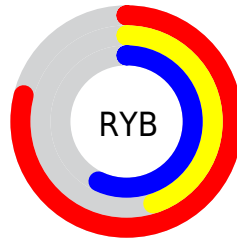
The YIQ color **143.8460, 42.4970, 28.2970** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **172.1540, -42.4970, -28.2970**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5470, 41.9010, 28.0850**, and **91.4650, 39.1960, 27.5480** is the 20% darker color. If you saturate the color by 10%, you get **130.6240, 52.1700, 34.7140**, and if you desaturate by 10%, it is **157.0680, 32.8240, 21.8800**.

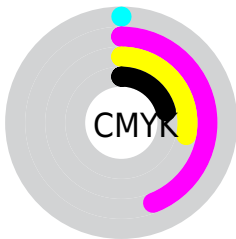
Distribution



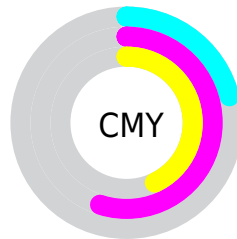
- Red (79%)
- Green (45%)
- Blue (57%)



- Red (79%)
- Yellow (45%)
- Blue (57%)



- Cyan (0%)
- Magenta (44%)
- Yellow (28%)
- Black (21%)





- Cyan (21%)
- Magenta (55%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.8460, 42.4970, 28.2970 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 143.8460, 42.4970, 28.2970 by changing the saturation by 10% instead.

 143.8460, 42.4970,
28.2970


 143.8460, 42.4970,
28.2970


255.0000, -0.0000,
-0.0000

 117.2480, 41.3050,
27.8730


 196.9600, 42.1760,
28.6080

 91.4650, 39.1960,
27.5480


 216.5880, 25.4880,
22.6720


 65.6820, 37.0870,
27.2230

 236.8030, 8.5250,
16.2130

 37.7900, 36.9030,
30.5590

253.8260, 0.5500,
1.0460

 22.9260, 30.3480,
22.7000

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 143.8460, 42.4970,
28.2970

■ 143.8460, 42.4970,
28.2970

■ 130.6240, 52.1700,
34.7140

■ 157.0680, 32.8240,
21.8800

■ 117.4020, 61.8430,
41.1310

■ 170.2900, 23.1510,
15.4630

■ 103.5930, 71.7910,
48.0710

■ 184.0990, 13.2030,
8.5230

■ 90.3710, 81.4640,
54.4880

■ 197.3210, 3.5300,
2.1060

■ 77.1490, 91.1370,
60.9050

■ 210.5430, -6.1430,
-4.3110

■ 68.4920, 97.6010,
64.9050

■ 223.8790,
-16.1370, -10.4170

■ 237.1010,
-25.8100, -16.8340

■ 238.5830,
-29.9830, -12.7910

■ 239.1530,
-31.5880, -11.2360

Harmonies

Analogous

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



145.4380, 17.4630, 30.4470



143.8460, 42.4970, 28.2970



142.1550, 54.3280, 17.6240

Triad

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



143.8460, 42.4970, 28.2970



134.8660, 11.1000, -24.9640



112.8560, -105.5870, -19.2750

Complementary

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



143.8460, 42.4970, 28.2970



172.1540, -42.4970, -28.2970

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.



112.2400, -98.3410, -29.4530



143.8460, 42.4970, 28.2970



129.7510, -22.3690, -29.6410

Square

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



143.8460, 42.4970, 28.2970



138.3640, 36.3610, -14.7030



116.7360, -70.7390, -34.0910



133.0460, -58.3670, 6.0250

Rectangle

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



143.8460, 42.4970, 28.2970



141.1190, 54.0090, 6.8810



116.7360, -70.7390, -34.0910



113.2320, -103.8900, -22.4980

Sweetspot

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



143.8460, 42.4970, 28.2970



233.2350, 15.8160, 10.7280



140.7760, 5.1280, 39.2400



114.0770, 10.2690, 6.6290



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.



143.8460, 42.4970, 28.2970



167.1250, 64.1810, 42.8130



147.3560, 49.1480, 12.3800



95.3320, 4.9970, 3.0530



56.2460, 80.3180, 53.2300



12.8440, 18.4750, 12.0990

Inverse Universe

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



143.8460, 42.4970, 28.2970



167.1250, 64.1810, 42.8130



168.6440, -49.1480, -12.3800



95.3320, 4.9970, 3.0530



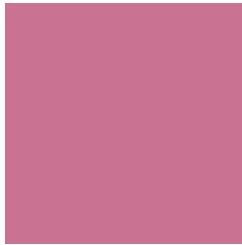
56.2460, 80.3180, 53.2300



12.8440, 18.4750, 12.0990

Previews

White Background



This preview shows how the YIQ color 143.8460, 42.4970, 28.2970 looks on a white background.

Color Contrast Check

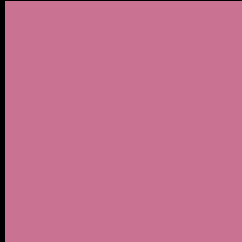
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.8460, 42.4970, 28.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

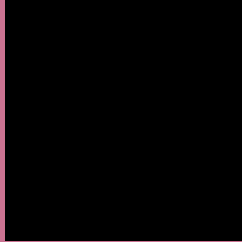
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.8460, 42.4970, 28.2970

Background



This preview shows how black text looks on a background with the YIQ color 143.8460, 42.4970, 28.2970.



This preview shows how white text looks on a background with the YIQ color 143.8460, 42.4970,

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

143.8460, 42.4970, 28.2970

Protanopia

141.7960, -7.9330, 6.1070

Deuteranopia

142.8380, 9.4440, 5.0600



Tritanopia

142.8430, 46.5790, 20.3950

Trichromacy



Original Color

143.8460, 42.4970, 28.2970

Protanomaly

142.7060, 10.1760, 13.8240

Deuteranomaly

143.3390, 21.4550, 13.1590

Tritanomaly

143.3530, 45.2030, 23.3070

Monochromacy



Original Color

143.8460, 42.4970, 28.2970

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.8220, 15.5410, 10.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.8460, 42.4970, 28.2970 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(202, 114, 145)` looks like.

```
.text, #text, p{  
    color:rgb(202, 114, 145)  
}
```

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(202, 114, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 114, 145) }
```

Border

The CSS property to change the border of an element to YIQ 143.8460, 42.4970, 28.2970 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(202, 114, 145) }
```


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

```
.border{ border-color:rgb(202, 114, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 114, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 114, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 114, 145);  
box-shadow:4px 4px 4px 4px rgb(202, 114,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 143.8460, 42.4970, 28.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 114, 145) }
```

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

```
.background{ background-color: rgb(202,  
114, 145) }
```

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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