

Converting Colors

YIQ(140.0000, 44.6990, 21.4270)

Have a look what the booklet for
YIQ(140.0000, 44.6990, 21.4270)
contains.

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Color

**YIQ(140.0000, 44.6990,
21.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	C4727F
RGB	196, 114, 127
RGB Percent	77%, 45%, 50%
CMY	0.2312, 0.5531, 0.5018
CMYK	0.00, 0.42, 0.35, 0.23
HSL	350°, 41%, 61%
HSV	350°, 42%, 77%
XYZ	32.6254, 25.3030, 23.2577
YIQ	140.0000, 44.6990, 21.4270

Conversions

Conversions Part 2

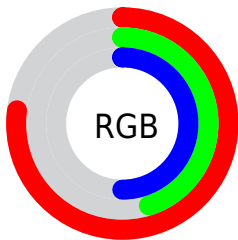
Format	Color
R_{YB}	196, 114, 127
Decimal	12874367
CIE _{Lab}	57.37, 33.84, 6.94
CIE _{LCh}	57, 34.545, 11.598
Yxy	25.3030, 0.4019, 0.3117
Android (android.graphics.Color)	4291064447 (0xFFC4727F)
YUV	140.0000, -6.4090, 49.1120
Hunter-Lab	50.3021, 27.7446, 7.7981

Details

The YIQ color **140.0000, 44.6990, 21.4270** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **170.0000, -44.6990, -21.4270**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7940, 48.2750, 22.6990**, and **88.3200, 40.8020, 20.4660** is the 20% darker color. If you saturate the color by 10%, you get **126.4360, 55.3350, 26.9110**, and if you desaturate by 10%, it is **153.6780, 33.7420, 16.2540**.

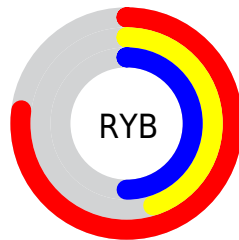
Distribution



Red (77%)

Green (45%)

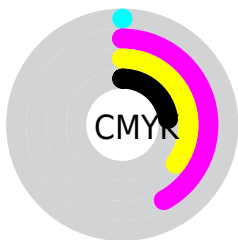
Blue (50%)



Red (77%)

Yellow (45%)

Blue (50%)

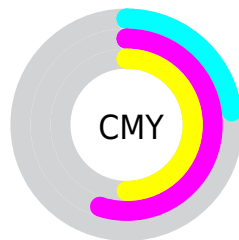


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (23%)



Cyan (23%)


Magenta (55%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.0000, 44.6990, 21.4270 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 140.0000, 44.6990, 21.4270 by changing the saturation by 10% instead.


 140.0000, 44.6990,
21.4270


 140.0000, 44.6990,
21.4270


255.0000, -0.0000,
-0.0000


 113.5160, 43.1860,
21.3140


 194.7940, 48.2750,
22.6990

 88.3200, 40.8020,
20.4660


 214.3080, 31.9080,
16.4520


 62.9500, 38.9680,
20.6640

 233.9360, 15.2200,
10.5160

 37.2210, 36.7670,
22.0070

 253.2390, 0.8250,
1.5690

 19.3080, 31.9080,
16.4520

 10.8780, 21.1350,
7.9430

 0.0000, 0.0000,

0.0000

■ 140.0000, 44.6990,
21.4270

■ 140.0000, 44.6990,
21.4270

■ 126.4360, 55.3350,
26.9110

■ 153.6780, 33.7420,
16.2540

■ 113.3450, 66.0170,
31.5610

■ 166.6550, 23.3810,
11.2930

■ 99.7810, 76.6530,
37.0450

■ 180.2190, 12.7450,
5.8090

■ 86.6900, 87.3350,
41.6950

■ 193.3100, 2.0630,
1.1590

■ 73.1260, 97.9710,
47.1790

■ 206.8740, -8.5730,
-4.3250

■ 62.1380, 106.8650,
51.1930

■ 220.5520,
-19.5300, -9.4980

■ 233.5290,
-29.8910, -14.4590

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



141.4190, 27.6420, 27.6900



140.0000, 44.6990, 21.4270



138.2480, 49.3320, 9.0440

Triad

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



140.0000, 44.6990, 21.4270



131.1510, -2.8840, -24.8360



124.2630, -69.6440, -4.3640

Complementary

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



140.0000, 44.6990, 21.4270



170.0000, -44.6990, -21.4270

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.



109.4020, -98.6170, -24.4490



140.0000, 44.6990, 21.4270



124.5030, -36.1700, -27.3220

Square

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



140.0000, 44.6990, 21.4270



134.7260, 23.4780, -18.0100



111.8690, -81.2390, -31.0230



136.3650, -34.1600, 13.3600

Rectangle

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



140.0000, 44.6990, 21.4270



137.4720, 45.3450, -1.3030



111.8690, -81.2390, -31.0230



117.5060, -83.8100, -11.9540

Sweetspot

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



140.0000, 44.6990, 21.4270



232.4370, 18.0630, 8.5510



143.6800, 14.2060, 39.9180



113.6210, 11.5530, 5.3850



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.



140.0000, 44.6990, 21.4270



168.2530, 69.2720, 33.1440



154.3670, 41.4470, 3.2630



90.2180, 5.3180, 2.7420



51.1030, 87.6100, 42.2180



10.4370, 18.0630, 8.5510

Inverse Universe

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



140.0000, 44.6990, 21.4270



168.2530, 69.2720, 33.1440



155.6330, -41.4470, -3.2630



90.2180, 5.3180, 2.7420



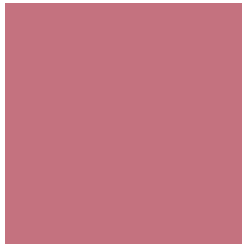
51.1030, 87.6100, 42.2180



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 140.0000, 44.6990, 21.4270 looks on a white background.

Color Contrast Check

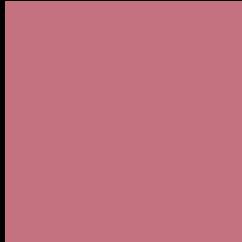
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0000, 44.6990, 21.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

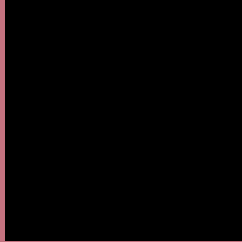
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.0000, 44.6990, 21.4270

Background



This preview shows how black text looks on a background with the YIQ color 140.0000, 44.6990, 21.4270.



This preview shows how white text looks on a background with the YIQ color 140.0000, 44.6990,

21.4270.

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

140.0000, 44.6990, 21.4270

Protanopia

138.2390, 0.8250, 1.5690

Deuteranopia

139.1500, 17.1930, 2.2890



Tritanopia

140.1310, 45.7080, 19.6600

Trichromacy



Original Color

140.0000, 44.6990, 21.4270

Protanomaly

138.9530, 16.5500, 8.4380

Deuteranomaly

139.3410, 27.1410, 9.2290

Tritanomaly

140.2450, 45.3870, 19.9710

Monochromacy



Original Color

140.0000, 44.6990, 21.4270

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1270, 16.0000, 7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.0000, 44.6990, 21.4270 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(196, 114, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 127)  
}
```

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(196, 114, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 127) }
```

Border

The CSS property to change the border of an element to YIQ 140.0000, 44.6990, 21.4270 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(196, 114, 127) }
```


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

```
.border{ border-color:rgb(196, 114, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 140.0000, 44.6990, 21.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 127) }
```

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

```
.background{ background-color: rgb(196,  
114, 127) }
```

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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