

Converting Colors

YIQ(148.5930, 44.2870, 17.8790)

Have a look what the booklet for
YIQ(148.5930, 44.2870, 17.8790)
contains.

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Color

**YIQ(148.5930, 44.2870,
17.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	CA7D82
RGB	202, 125, 130
RGB Percent	79%, 49%, 51%
CMY	0.2077, 0.5099, 0.4900
CMYK	0.00, 0.38, 0.36, 0.21
HSL	356°, 42%, 64%
HSV	356°, 38%, 79%
XYZ	35.7317, 28.8351, 24.8170
YIQ	148.5930, 44.2870, 17.8790

Conversions

Conversions Part 2

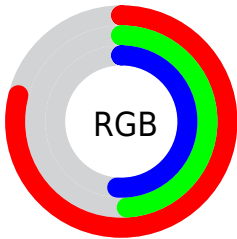
Format	Color
R_{YB}	202, 125, 130
Decimal	13270402
CIE Lab	60.64, 30.54, 9.96
CIE LCh	61, 32.120, 18.069
Yxy	28.8351, 0.3998, 0.3226
Android (android.graphics.Color)	4291460482 (0xFFCA7D82)
YUV	148.5930, -9.1663, 46.8379
Hunter-Lab	53.6983, 24.8046, 10.1876

Details

The YIQ color **148.5930, 44.2870, 17.8790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **178.4070, -44.2870, -17.8790**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.1800, 44.0120, 17.3560**, and **96.9130, 40.3900, 16.9180** is the 20% darker color. If you saturate the color by 10%, you get **134.6870, 55.8860, 22.4300**, and if you desaturate by 10%, it is **162.4990, 32.6880, 13.3280**.

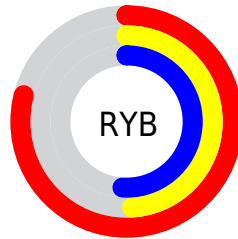
Distribution



Red (79%)

Green (49%)

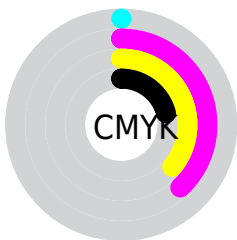
Blue (51%)



Red (79%)

Yellow (49%)

Blue (51%)

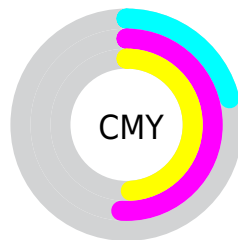


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (21%)



Cyan (21%)


Magenta (51%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.5930, 44.2870, 17.8790 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 148.5930, 44.2870, 17.8790 by changing the saturation by 10% instead.


 148.5930, 44.2870,
17.8790


 148.5930, 44.2870,
17.8790


255.0000, -0.0000,
-0.0000


 122.1090, 42.7740,
17.7660


 201.5930, 44.2870,
17.8790


 96.9130, 40.3900,
16.9180


 221.1070, 27.9200,
11.6320

 71.2440, 37.9600,
16.9040

 241.4360, 10.6360,
5.4840

 46.9880, 35.8050,
17.4130

 22.1450, 33.9250,
18.4450

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 148.5930, 44.2870,
17.8790

■ 148.5930, 44.2870,
17.8790

■ 134.6870, 55.8860,
22.4300

■ 162.4990, 32.6880,
13.3280

■ 120.7810, 67.4850,
26.9810

■ 176.4050, 21.0890,
8.7770

■ 106.2880, 79.3590,
32.0550

■ 190.8980, 9.2150,
3.7030

■ 92.4960, 90.6370,
36.9170

■ 204.8040, -2.3840,
-0.8480

■ 78.5900, 102.2360,
41.4680

■ 218.5960,
-13.6620, -5.7100

■ 64.6840, 113.8350,
46.0190

■ 232.5020,
-25.2610, -10.2610

■ 61.8800, 116.2190,
46.8670

■ 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.



150.0940, 29.9350, 24.6790



148.5930, 44.2870, 17.8790



147.1720, 46.4900, 5.4820

Triad

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



148.5930, 44.2870, 17.8790



139.0410, -8.3860, -24.2420



138.1510, -54.4690, 1.4590

Complementary

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



148.5930, 44.2870, 17.8790



178.4070, -44.2870, -17.8790

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.



127.9210, -77.8490, -15.3610



148.5930, 44.2870, 17.8790



133.7030, -39.6090, -25.5690

Square

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



148.5930, 44.2870, 17.8790



142.7900, 17.4260, -18.4620



126.5440, -69.7780, -23.9700



146.5080, -24.2570, 15.6070

Rectangle

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



148.5930, 44.2870, 17.8790



145.8520, 41.2190, -3.6210



126.5440, -69.7780, -23.9700



134.7860, -63.8670, -4.4350

Sweetspot

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



148.5930, 44.2870, 17.8790



235.6000, 16.0460, 6.5580



155.3060, 18.1950, 39.2110



116.1970, 9.8110, 3.9150



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.



148.5930, 44.2870, 17.8790



173.7810, 67.4850, 26.9810



167.3940, 36.8170, -0.9350



94.9900, 5.9600, 2.1200



50.8880, 95.4050, 38.6130



11.7040, 21.6850, 8.9890

Inverse Universe

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



148.5930, 44.2870, 17.8790



173.7810, 67.4850, 26.9810



159.6060, -36.8170, 0.9350



94.9900, 5.9600, 2.1200



50.8880, 95.4050, 38.6130



11.7040, 21.6850, 8.9890

Previews

White Background



This preview shows how the YIQ color 148.5930, 44.2870, 17.8790 looks on a white background.

Color Contrast Check

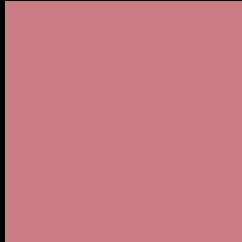
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5930, 44.2870, 17.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

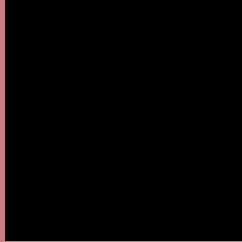
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.5930, 44.2870, 17.8790

Background



This preview shows how black text looks on a background with the YIQ color 148.5930, 44.2870, 17.8790.



This preview shows how white text looks on a background with the YIQ color 148.5930, 44.2870,

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

148.5930, 44.2870, 17.8790

Protanopia

146.9250, 4.5850, -0.4950

Deuteranopia

147.4770, 20.5860, 1.3700



Tritanopia

148.4620, 43.2780, 19.6460

Trichromacy



Original Color

148.5930, 44.2870, 17.8790

Protanomaly

147.4540, 19.3930, 6.4730

Deuteranomaly

147.6570, 29.0670, 7.3630

Tritanomaly

148.3480, 43.5990, 19.3350

Monochromacy



Original Color

148.5930, 44.2870, 17.8790

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.6000, 16.0460, 6.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.5930, 44.2870, 17.8790 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, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(202, 125, 130)  
}
```

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, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 125, 130) }
```

Border

The CSS property to change the border of an element to YIQ 148.5930, 44.2870, 17.8790 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, 125, 130) }
```


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

```
.border{ border-color:rgb(202, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(202, 125,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 148.5930, 44.2870, 17.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 125, 130) }
```

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

```
.background{ background-color: rgb(202,  
125, 130) }
```

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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