

Converting Colors

YIQ(197.2950, 15.5870, 9.3710)

Have a look what the booklet for
YIQ(197.2950, 15.5870, 9.3710)
contains.

YIQ(197.2950, 15.5870, 9.3710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(197.2950, 15.5870,
9.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	DABBC4
RGB	218, 187, 196
RGB Percent	85%, 73%, 77%
CMY	0.1450, 0.2667, 0.2313
CMYK	0.00, 0.14, 0.10, 0.15
HSL	343°, 30%, 79%
HSV	343°, 14%, 85%
XYZ	56.6525, 54.4298, 59.7530
YIQ	197.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

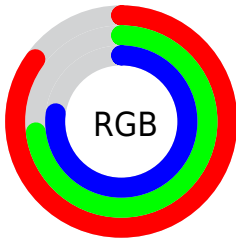
Format	Color
R _Y B	218, 187, 196
Decimal	14334916
CIE Lab	78.71, 12.55, -0.45
CIE LCh	79, 12.556, 357.959
Yxy	54.4298, 0.3316, 0.3186
Android (android.graphics.Color)	4292524996 (0xFFDABBC4)
YUV	197.2950, -0.6384, 18.1583
Hunter-Lab	73.7766, 7.9597, 3.6235

Details

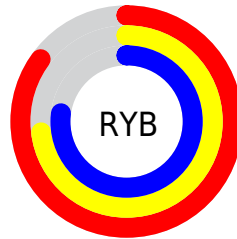
The YIQ color **197.2950, 15.5870, 9.3710** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207.7050, -15.5870, -9.3710**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.7280, 3.9420, 5.6540**, and **143.5830, 14.7160, 8.6360** is the 20% darker color. If you saturate the color by 10%, you get **182.6710, 26.4520, 16.2120**, and if you desaturate by 10%, it is **211.9190, 4.7220, 2.5300**.

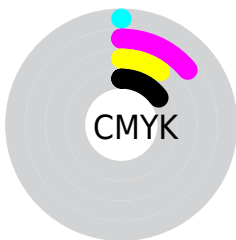
Distribution



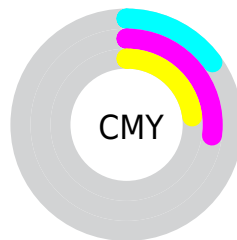
- Red (85%)
- Green (73%)
- Blue (77%)



- Red (85%)
- Yellow (73%)
- Blue (77%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.2950, 15.5870, 9.3710 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 197.2950, 15.5870, 9.3710 by changing the saturation by 10% instead.


 197.2950, 15.5870,
9.3710


 197.2950, 15.5870,
9.3710


255.0000, -0.0000,
-0.0000


 169.9960, 14.9910,
9.1590


 247.7280, 3.9420,
5.6540

 143.5830, 14.7160,
8.6360

 117.3980, 13.7990,
8.7350

 92.9850, 13.5240,
8.2120

 69.3870, 12.3320,
7.7880

 47.0880, 11.7360,
7.5760

 25.4900, 10.5440,

7.1520

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 197.2950, 15.5870,
9.3710

■ 197.2950, 15.5870,
9.3710

■ 182.6710, 26.4520,
16.2120

■ 211.9190, 4.7220,
2.5300

■ 167.9330, 37.6380,
22.7420

■ 226.6570, -6.4640,
-4.0000

■ 153.8960, 48.2280,
29.0600

■ 240.6940,
-17.0540, -10.3180

■ 139.1580, 59.4140,
35.5900

■ 243.9370,
-22.0520, -7.8440

■ 124.5340, 70.2790,
42.4310

■ 109.7960, 81.4650,
48.9610

■ 95.1720, 92.3300,
55.8020

■ 81.0210, 103.2410,
61.8090

■ 72.3640, 109.7050,
65.8090

Harmonies

Analogous

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



197.3310, 6.7380, 10.0500



197.2950, 15.5870, 9.3710



196.5250, 20.6310, 6.0630

Triad

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



197.2950, 15.5870, 9.3710



192.8830, 4.4030, -8.2130



192.0390, -22.0990, -1.4830

Complementary

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



197.2950, 15.5870, 9.3710



207.7050, -15.5870, -9.3710

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.



190.6920, -22.7400, -6.3880



197.2950, 15.5870, 9.3710



191.6690, -6.7380, -10.0500

Square

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



197.2950, 15.5870, 9.3710



194.7810, 13.6180, -4.5100



191.2210, -17.1000, -9.4840



194.3220, -15.4060, 3.8740

Rectangle

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



197.2950, 15.5870, 9.3710



196.4170, 20.8150, 2.7270



191.2210, -17.1000, -9.4840



191.8000, -22.9240, -3.0520

Sweetspot

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



197.2950, 15.5870, 9.3710



248.3320, 4.9970, 3.0530



197.1120, 3.1610, 14.3050



123.3210, 3.5300, 2.1060



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.



197.2950, 15.5870, 9.3710



226.2250, 21.7760, 12.8480



199.7910, 16.8260, 3.4340



102.6310, 5.5930, 3.2650



57.4270, 87.0580, 52.2260



15.2360, 23.2430, 13.7950

Inverse Universe

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



197.2950, 15.5870, 9.3710



226.2250, 21.7760, 12.8480



205.2090, -16.8260, -3.4340



102.6310, 5.5930, 3.2650



57.4270, 87.0580, 52.2260



15.2360, 23.2430, 13.7950

Previews

White Background



This preview shows how the YIQ color 197.2950, 15.5870, 9.3710 looks on a white background.

Color Contrast Check

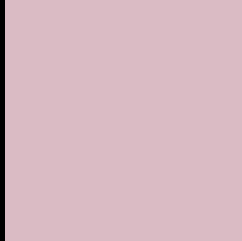
Large Text (above 18pt) WCAG AA × Fail

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 197.2950, 15.5870, 9.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

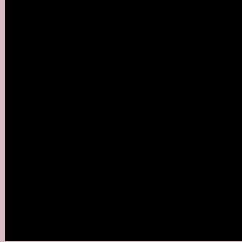
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.2950, 15.5870, 9.3710

Background



This preview shows how black text looks on a background with the YIQ color 197.2950, 15.5870, 9.3710.



This preview shows how white text looks on a background with the YIQ color 197.2950, 15.5870,

9.3710.

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

197.2950, 15.5870, 9.3710

Protanopia

195.5810, -0.1380, 2.5020

Deuteranopia

196.9740, 12.0570, 7.2650



Tritanopia

197.5770, 14.8530, 11.6610

Trichromacy



Original Color

197.2950, 15.5870, 9.3710

Protanomaly

196.0980, 5.7760, 5.4560

Deuteranomaly

196.9850, 13.5240, 8.2120

Tritanomaly

197.3490, 15.4950, 11.0390

Monochromacy



Original Color

197.2950, 15.5870, 9.3710

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.0440, 5.8680, 3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.2950, 15.5870, 9.3710 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(218, 187, 196)` looks like.

```
.text, #text, p{  
    color:rgb(218, 187, 196)  
}
```

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(218, 187, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 187, 196) }
```

Border

The CSS property to change the border of an element to YIQ 197.2950, 15.5870, 9.3710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

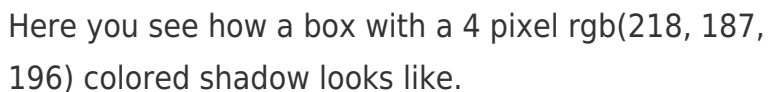
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 187, 196) }
```


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

```
.border{ border-color:rgb(218, 187, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 187, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 187, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 187, 196); box-shadow:4px 4px 4px 4px rgb(218, 187, 196) }
```

Background

The CSS property to change the background color of an element to YIQ 197.2950, 15.5870, 9.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 187, 196) }
```

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

```
.background{ background-color: rgb(218,  
187, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor