

Converting Colors

YIQ(201.2850, 47.9100, 12.7900)

Have a look what the booklet for
YIQ(201.2850, 47.9100, 12.7900)
contains.

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Color

**YIQ(201.2850, 47.9100,
12.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4AA
RGB	255, 180, 170
RGB Percent	100%, 71%, 67%
CMY	0.0000, 0.2942, 0.3331
CMYK	0.00, 0.29, 0.33, 0.00
HSL	7°, 100%, 83%
HSV	7°, 33%, 100%
XYZ	64.8154, 56.7940, 45.6014
YIQ	201.2850, 47.9100, 12.7900

Conversions

Conversions Part 2

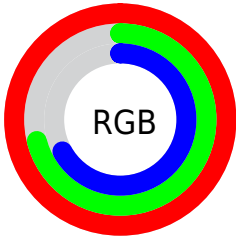
Format	Color
R _Y B	255, 181, 170
Decimal	16757930
CIE Lab	80.06, 26.03, 15.99
CIE LCh	80, 30.551, 31.562
Yxy	56.7940, 0.3876, 0.3397
Android (android.graphics.Color)	4294948010 (0xFFFFB4AA)
YUV	201.2850, -15.4235, 47.1081
Hunter-Lab	75.3618, 21.6369, 16.8768

Details

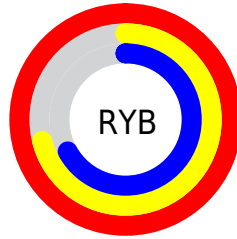
The YIQ color **201.2850, 47.9100, 12.7900** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **223.7150, -47.9100, -12.7900**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4270, 14.8550, 0.6070**, and **146.6050, 44.0130, 11.8290** is the 20% darker color. If you saturate the color by 10%, you get **184.9340, 62.2600, 17.0440**, and if you desaturate by 10%, it is **217.1630, 33.5140, 9.3700**.

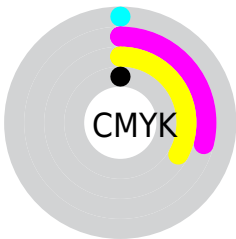
Distribution



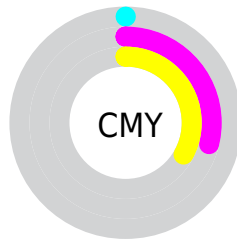
- Red (100%)
- Green (71%)
- Blue (67%)



- Red (100%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.2850, 47.9100, 12.7900 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 201.2850, 47.9100, 12.7900 by changing the saturation by 10% instead.


 201.2850, 47.9100,
12.7900

 201.2850, 47.9100,
12.7900


255.0000, -0.0000,
-0.0000


 173.5020, 45.8010,
12.4650


 240.4270, 14.8550,
0.6070


 146.6050, 44.0130,
11.8290

254.8860, 0.3210,
-0.3110

 120.1210, 42.5000,
11.7160

 95.0390, 39.7950,
11.1790

 70.2560, 37.6860,
10.8540

 46.5870, 35.2560,
10.8400

 21.7610, 34.7060,

9.7940

■ 11.7750, 22.9230,
8.5790

■ 0.0000, 0.0000,
0.0000

■ 201.2850, 47.9100,
12.7900

■ 201.2850, 47.9100,
12.7900

■ 184.9340, 62.2600,
17.0440

■ 217.1630, 33.5140,
9.3700

■ 169.0560, 76.6560,
20.4640

■ 233.5140, 19.1640,
5.1160

■ 152.7050, 91.0060,
24.7180

■ 249.9790, 4.4930,
1.1730

■ 136.8270,
105.4020, 28.1380

■ 255.0000, -0.0000,
-0.0000

■ 120.4760,
119.7520, 32.3920

■ 104.5980,
134.1480, 35.8120

■ 93.8550, 143.7300,
38.3700

Harmonies

Analogous

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



203.0040, 38.8760, 22.3320



201.2850, 47.9100, 12.7900



199.7000, 44.7030, -0.6810

Triad

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



201.2850, 47.9100, 12.7900



189.9840, -21.4070, -25.0470



196.3920, -38.7900, 9.1620

Complementary

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



201.2850, 47.9100, 12.7900



223.7150, -47.9100, -12.7900

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.



189.2270, -60.7950, -5.0430



201.2850, 47.9100, 12.7900



185.6790, -48.2290, -23.5330

Square

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



201.2850, 47.9100, 12.7900



193.8210, 6.9730, -21.7550



184.0980, -65.2860, -17.2700



201.5700, -9.6320, 20.3840

Rectangle

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



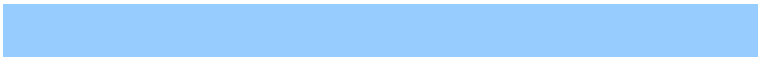
201.2850, 47.9100, 12.7900



197.9390, 36.3600, -9.1760



184.0980, -65.2860, -17.2700



193.8530, -47.6380, 4.3140

Sweetspot

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



201.2850, 47.9100, 12.7900



238.6490, 14.3500, 4.2540



203.9650, 26.5850, 41.3450



117.9580, 8.9860, 2.3460



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.



201.2850, 47.9100, 12.7900



190.5420, 57.4920, 15.3480



225.9390, 36.3600, -9.1760



119.4740, 7.4730, 2.2330



70.0230, 107.7860, 28.9860



23.2450, 36.2190, 9.9070

Inverse Universe

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



223.7150, -47.9100, -12.7900



217.4580, -57.4920, -15.3480



199.0610, -36.3600, 9.1760



122.9390, -7.1980, -1.7100



120.9770, -107.7860, -28.9860



40.1680, -35.9440, -9.3840

Previews

White Background



This preview shows how the YIQ color 201.2850, 47.9100, 12.7900 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 201.2850, 47.9100, 12.7900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

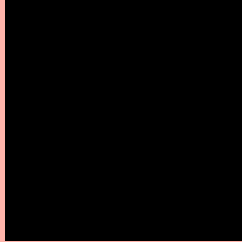
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.2850, 47.9100, 12.7900

Background



This preview shows how black text looks on a background with the YIQ color 201.2850, 47.9100, 12.7900.



This preview shows how white text looks on a background with the YIQ color 201.2850, 47.9100,

12.7900.

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

201.2850, 47.9100, 12.7900

Protanopia

198.5250, 11.4630, -4.0010

Deuteranopia

199.7400, 30.0310, 0.9030



Tritanopia

202.5050, 41.7190, 20.3670

Trichromacy



Original Color

201.2850, 47.9100, 12.7900

Protanomaly

199.1570, 24.4830, 2.3310

Deuteranomaly

200.1970, 36.1740, 5.2140

Tritanomaly

202.1800, 44.0120, 17.3560

Monochromacy



Original Color

201.2850, 47.9100, 12.7900

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.0300, 17.6510, 5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.2850, 47.9100, 12.7900 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(255, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 170)  
}
```

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(255, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 170) }
```

Border

The CSS property to change the border of an element to YIQ 201.2850, 47.9100, 12.7900 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(255, 180, 170) }
```


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

```
.border{ border-color:rgb(255, 180, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 201.2850, 47.9100, 12.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 170) }
```

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

```
.background{ background-color: rgb(255,  
180, 170) }
```

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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