

Converting Colors

YIQ(200.3990, 47.5890, 13.1010)

Have a look what the booklet for
YIQ(200.3990, 47.5890, 13.1010)
contains.

YIQ(200.3990, 47.5890, 13.1010)	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(200.3990, 47.5890,
13.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB3AA
RGB	254, 179, 170
RGB Percent	100%, 70%, 67%
CMY	0.0037, 0.2981, 0.3331
CMYK	0.00, 0.30, 0.33, 0.00
HSL	6°, 98%, 83%
HSV	6°, 33%, 100%
XYZ	64.2634, 56.2109, 45.5177
YIQ	200.3990, 47.5890, 13.1010

Conversions

Conversions Part 2

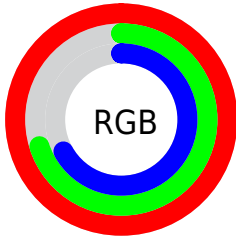
Format	Color
RYB	254, 180, 170
Decimal	16692138
CIELab	79.73, 26.20, 15.51
CIELCh	80, 30.449, 30.630
Yxy	56.2109, 0.3871, 0.3386
Android (android.graphics.Color)	4294882218 (0xFFFE3AA)
YUV	200.3990, -14.9867, 47.0081
Hunter-Lab	74.9739, 21.7957, 16.4859

Details

The YIQ color **200.3990, 47.5890, 13.1010** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **223.6010, -47.5890, -13.1010**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8400, 15.1300, 1.1300**, and **146.0180, 44.2880, 12.3520** is the 20% darker color. If you saturate the color by 10%, you get **184.0480, 61.9390, 17.3550**, and if you desaturate by 10%, it is **216.7500, 33.2390, 8.8470**.

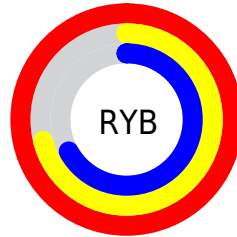
Distribution



Red (100%)

Green (70%)

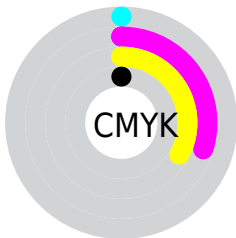
Blue (67%)



Red (100%)

Yellow (71%)

Blue (67%)

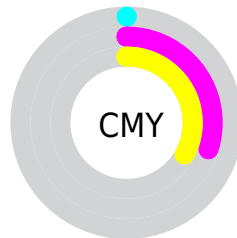


Cyan (0%)

Magenta (30%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.3990, 47.5890, 13.1010 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 200.3990, 47.5890, 13.1010 by changing the saturation by 10% instead.


 200.3990, 47.5890,
13.1010

 200.3990, 47.5890,
13.1010


255.0000, -0.0000,
-0.0000


 172.9150, 46.0760,
12.9880


 239.8400, 15.1300,
1.1300


 146.0180, 44.2880,
12.3520

254.8860, 0.3210,
-0.3110

 119.2350, 42.1790,
12.0270

 94.1530, 39.4740,
11.4900

 69.3700, 37.3650,
11.1650

 45.7010, 34.9350,
11.1510

 21.1740, 34.9810,

10.3170

■ 11.4760, 22.3270,
8.3670

■ 0.0000, 0.0000,
0.0000

■ 200.3990, 47.5890,
13.1010

■ 200.3990, 47.5890,
13.1010

■ 184.0480, 61.9390,
17.3550

■ 216.7500, 33.2390,
8.8470

■ 168.1700, 76.3350,
20.7750

■ 232.6280, 18.8430,
5.4270

■ 151.8190, 90.6850,
25.0290

■ 248.9790, 4.4930,
1.1730

■ 135.3540,
105.3560, 28.9720

254.7010, -0.5960,
-0.2120

■ 119.0030,
119.7060, 33.2260

■ 103.2390,
133.7810, 36.9570

■ 91.7950, 143.9590,
39.7270

Harmonies

Analogous

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



201.8190, 37.9590, 22.4310



200.3990, 47.5890, 13.1010



198.2270, 44.6570, 0.1530

Triad

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



200.3990, 47.5890, 13.1010



189.1690, -20.4900, -25.1460



195.0930, -39.3860, 8.9500

Complementary

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



200.3990, 47.5890, 13.1010



223.6010, -47.5890, -13.1010

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.



187.8140, -61.0700, -5.5660



200.3990, 47.5890, 13.1010



184.8640, -47.3120, -23.6320

Square

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



200.3990, 47.5890, 13.1010



193.1200, 7.5690, -21.5430



183.9840, -64.9650, -17.5810



200.2710, -10.2280, 20.1720

Rectangle

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



200.3990, 47.5890, 13.1010



197.0530, 36.0390, -8.8650



183.9840, -64.9650, -17.5810



192.5540, -48.2340, 4.1020

Sweetspot

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



200.3990, 47.5890, 13.1010



238.6490, 14.3500, 4.2540



203.7800, 25.6680, 41.4440



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.



200.3990, 47.5890, 13.1010



189.9550, 57.7670, 15.8710



224.4660, 36.3140, -8.3420



119.4740, 7.4730, 2.2330



68.8490, 108.3360, 30.0320



23.2450, 36.2190, 9.9070

Inverse Universe

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



223.6010, -47.5890, -13.1010



218.0450, -57.7670, -15.8710



199.5340, -36.3140, 8.3420



122.9390, -7.1980, -1.7100



122.1510, -108.3360, -30.0320



40.7550, -36.2190, -9.9070

Previews

White Background



This preview shows how the YIQ color 200.3990, 47.5890, 13.1010 looks on a white background.

Color Contrast Check

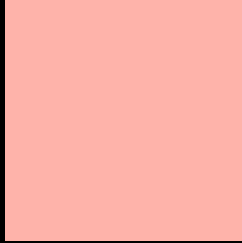
Large Text (above 18pt) WCAG AA × Fail

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 200.3990, 47.5890, 13.1010 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 200.3990, 47.5890, 13.1010

Background



This preview shows how black text looks on a background with the YIQ color 200.3990, 47.5890, 13.1010.



This preview shows how white text looks on a background with the YIQ color 200.3990, 47.5890,

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

200.3990, 47.5890, 13.1010

Protanopia

197.6390, 11.1420, -3.6900

Deuteranopia

199.4410, 29.4350, 0.6910



Tritanopia

201.8040, 42.3150, 20.5790

Trichromacy



Original Color

200.3990, 47.5890, 13.1010

Protanomaly

198.2710, 24.1620, 2.6420

Deuteranomaly

199.8980, 35.5780, 5.0020

Tritanomaly

201.5930, 44.2870, 17.8790

Monochromacy



Original Color

200.3990, 47.5890, 13.1010

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0300, 17.6510, 5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3990, 47.5890, 13.1010 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(254, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 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(254, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 170) }
```

Border

The CSS property to change the border of an element to YIQ 200.3990, 47.5890, 13.1010 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(254, 179, 170) }
```


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

```
.border{ border-color:rgb(254, 179, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3990, 47.5890, 13.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 170) }
```

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

```
.background{ background-color: rgb(254,  
179, 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](#).

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