

Converting Colors

YIQ(195.9810, 53.7370,
-10.2230)

Have a look what the booklet for
YIQ(195.9810, 53.7370, -10.2230)
contains.

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Color

**YIQ(195.9810, 53.7370,
-10.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BC77
RGB	241, 188, 119
RGB Percent	95%, 74%, 47%
CMY	0.0548, 0.2628, 0.5331
CMYK	0.00, 0.22, 0.51, 0.05
HSL	34°, 81%, 71%
HSV	34°, 51%, 95%
XYZ	57.5952, 55.9949, 25.2467
YIQ	195.9810, 53.7370, -10.2230

Conversions

Conversions Part 2

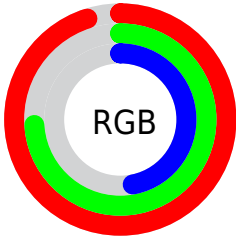
Format	Color
R_{YB}	213, 241, 119
Decimal	15842423
CIE _{Lab}	79.61, 10.99, 41.98
CIE _{LCh}	80, 43.392, 75.324
Yxy	55.9949, 0.4148, 0.4033
Android (android.graphics.Color)	4294032503 (0xFFFF1BC77)
YUV	195.9810, -37.9516, 39.4817
Hunter-Lab	74.8297, 6.4363, 32.3771

Details

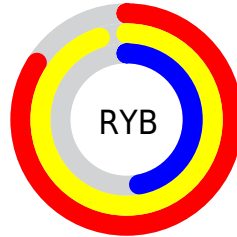
The YIQ color **195.9810, 53.7370, -10.2230** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **164.0190, -53.7370, 10.2230**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.0810, 29.6680, -20.0600**, and **141.5290, 49.1980, -10.5620** is the 20% darker color. If you saturate the color by 10%, you get **187.3750, 64.1910, -12.4570**, and if you desaturate by 10%, it is **204.5870, 43.2830, -7.9890**.

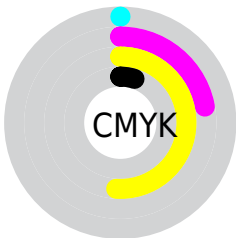
Distribution



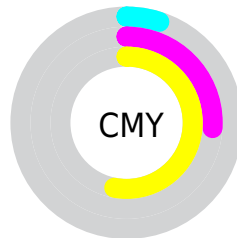
- Red (95%)
- Green (74%)
- Blue (47%)



- Red (84%)
- Yellow (95%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (51%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.9810, 53.7370, -10.2230 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 195.9810, 53.7370, -10.2230 by changing the saturation by 10% instead.


 195.9810, 53.7370,
-10.2230


 195.9810, 53.7370,
-10.2230


255.0000, -0.0000,
-0.0000


 168.3120, 51.3070,
-10.2370


 239.0810, 29.6680,
-20.0600


 141.5290, 49.1980,
-10.5620


 248.7300, 17.6550,
-17.1050

 115.6320, 47.4100,
-11.1980

 251.9220, 8.6670,
-8.3970

 89.7350, 45.6220,
-11.8340

 65.9950, 41.9540,
-11.4380

 45.0080, 31.9120,
-5.6560

 25.4940, 21.9160,

-0.7080

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 195.9810, 53.7370,
-10.2230

■ 195.9810, 53.7370,
-10.2230

■ 187.3750, 64.1910,
-12.4570

■ 204.5870, 43.2830,
-7.9890

■ 178.1820, 74.9200,
-14.1680

■ 213.7800, 32.5540,
-6.2780

■ 169.5760, 85.3740,
-16.4020

■ 222.3860, 22.1000,
-4.0440

■ 160.3830, 96.1030,
-18.1130

■ 231.5790, 11.3710,
-2.3330

151.8910,
106.2360, -20.0360

240.2990, 0.5960,
0.2120

248.4660, -7.2440,
-0.8760

250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



194.5710, 58.5480, 7.2200



195.9810, 53.7370, -10.2230



192.1360, 27.8350, -25.3890

Triad

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



195.9810, 53.7370, -10.2230



164.3540, -107.8300, -39.2060



202.2010, 5.1290, 33.7130

Complementary

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



195.9810, 53.7370, -10.2230



164.0190, -53.7370, 10.2230

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.



194.3760, -32.6930, 14.3070



195.9810, 53.7370, -10.2230



155.7480, -140.9340, -33.9740

Square

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



195.9810, 53.7370, -10.2230



178.7240, -53.2700, -36.8060



180.7780, -78.5840, -7.5440



199.8270, 35.4810, 34.3050

Rectangle

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



195.9810, 53.7370, -10.2230



189.2300, 3.9030, -32.2010



180.7780, -78.5840, -7.5440



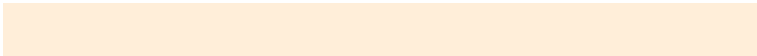
200.1670, -6.6990, 27.8050

Sweetspot

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



195.9810, 53.7370, -10.2230



240.6890, 16.8730, -2.9270



161.7480, 55.0570, 42.9690



119.5080, 10.1330, -1.9230



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.



195.9810, 53.7370, -10.2230



197.3000, 68.7760, -12.9520



225.2980, 35.5860, -39.2140



115.6970, 5.2270, -1.1170



116.0640, 81.0640, -15.3840



35.5280, 24.5760, -4.8640

Inverse Universe

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



164.0190, -53.7370, 10.2230



156.7000, -68.7760, 12.9520



134.7020, -35.5860, 39.2140



112.3030, -5.2270, 1.1170



67.9360, -81.0640, 15.3840



20.4720, -24.5760, 4.8640

Previews

White Background



This preview shows how the YIQ color 195.9810, 53.7370, -10.2230 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 195.9810, 53.7370, -10.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

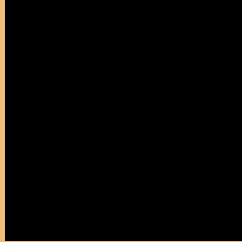
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.9810, 53.7370, -10.2230

Background



This preview shows how black text looks on a background with the YIQ color 195.9810, 53.7370, -10.2230.



This preview shows how white text looks on a background with the YIQ color 195.9810, 53.7370, -10.2230.

-10.2230.

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

195.9810, 53.7370, -10.2230

Protanopia

194.8320, 34.8030, -19.5090

Deuteranopia

196.2690, 52.8660, -10.9580



Tritanopia

201.2270, 36.6300, 18.9820

Trichromacy



Original Color

195.9810, 53.7370, -10.2230

Protanomaly

195.0610, 41.5880, -15.8200

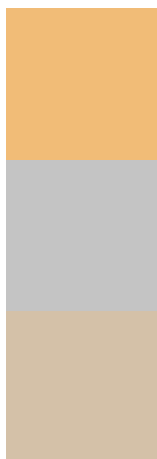
Deuteranomaly

196.2690, 52.8660, -10.9580

Tritanomaly

199.0130, 42.6840, 8.3800

Monochromacy



Original Color

195.9810, 53.7370, -10.2230

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.8310, 19.3490, -3.7470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9810, 53.7370, -10.2230 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(241, 188, 119)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 119)  
}
```

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(241, 188, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 119) }
```

Border

The CSS property to change the border of an element to YIQ 195.9810, 53.7370, -10.2230 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(241, 188, 119) }
```


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

```
.border{ border-color:rgb(241, 188, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 188, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 119);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9810, 53.7370, -10.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 119) }
```

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

```
.background{ background-color: rgb(241,  
188, 119) }
```

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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