

Converting Colors

YIQ(195.5090, 53.0910, 12.5070)

Have a look what the booklet for
YIQ(195.5090, 53.0910, 12.5070)
contains.

YIQ(195.5090, 53.0910, 12.5070)	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(195.5090, 53.0910,
12.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAD9E
RGB	254, 173, 158
RGB Percent	100%, 68%, 62%
CMY	0.0037, 0.3217, 0.3802
CMYK	0.00, 0.32, 0.38, 0.00
HSL	9°, 98%, 81%
HSV	9°, 38%, 100%
XYZ	62.0036, 53.4243, 39.4173
YIQ	195.5090, 53.0910, 12.5070

Conversions

Conversions Part 2

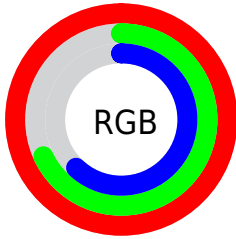
Format	Color
R _Y B	254, 176, 158
Decimal	16690590
CIE Lab	78.12, 27.93, 19.74
CIE LCh	78, 34.203, 35.256
Yxy	53.4243, 0.4004, 0.3450
Android (android.graphics.Color)	4294880670 (0xFFFEAD9E)
YUV	195.5090, -18.4919, 51.2966
Hunter-Lab	73.0919, 23.5101, 19.1902

Details

The YIQ color **195.5090, 53.0910, 12.5070** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **216.4910, -53.0910, -12.5070**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.9500, 20.6320, 0.5360**, and **140.9430, 48.8730, 11.8570** is the 20% darker color. If you saturate the color by 10%, you get **180.3320, 66.8910, 15.7150**, and if you desaturate by 10%, it is **210.6860, 39.2910, 9.2990**.

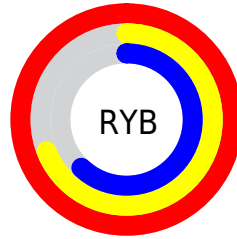
Distribution



Red (100%)

Green (68%)

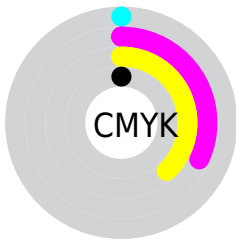
Blue (62%)



Red (100%)

Yellow (69%)

Blue (62%)

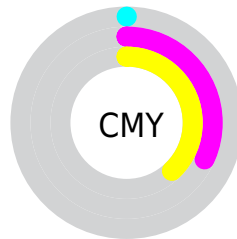


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.5090, 53.0910, 12.5070 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 195.5090, 53.0910, 12.5070 by changing the saturation by 10% instead.


 195.5090, 53.0910,
12.5070

 195.5090, 53.0910,
12.5070


255.0000, -0.0000,
-0.0000


 167.7260, 50.9820,
12.1820


 234.9500, 20.6320,
0.5360


 140.9430, 48.8730,
11.8570

 253.4040, 4.4940,
-4.3540

 115.0460, 47.0850,
11.2210

 89.0780, 44.0590,
10.9950

 64.4090, 41.6290,
10.9810

 40.5550, 38.2820,
11.0660

 17.3420, 34.5680,

12.2960

■ 10.2800, 19.9430,
7.5190

■ 0.0000, 0.0000,
0.0000

■ 195.5090, 53.0910,
12.5070

■ 195.5090, 53.0910,
12.5070

■ 180.3320, 66.8910,
15.7150

■ 210.6860, 39.2910,
9.2990

■ 164.4540, 81.2870,
19.1350

■ 226.5640, 24.8950,
5.8790

■ 149.2770, 95.0870,
22.3430

■ 241.7410, 11.0950,
2.6710

■ 133.3990,
109.4830, 25.7630

254.7010, -0.5960,
-0.2120

■ 118.2220,
123.2830, 28.9710

■ 102.4580,
137.3580, 32.7020

■ 98.8390, 140.6590,
33.4510

Harmonies

Analogous

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



196.9940, 44.8360, 24.4520



195.5090, 53.0910, 12.5070



193.5000, 48.1420, -2.4340

Triad

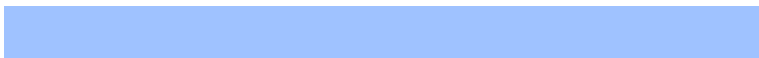
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195.5090, 53.0910, 12.5070



182.2820, -28.2380, -27.9020



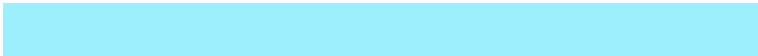
190.4890, -40.4410, 11.5510

Complementary

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



195.5090, 53.0910, 12.5070



216.4910, -53.0910, -12.5070

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.



182.0350, -69.0020, -4.9860



195.5090, 53.0910, 12.5070



177.2260, -60.1950, -26.9390

Square

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



195.5090, 53.0910, 12.5070



186.8590, 3.8100, -25.0060



175.1010, -78.5360, -19.4320



196.6460, -6.7900, 23.9460

Rectangle

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



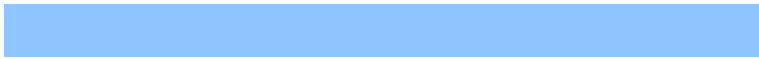
195.5090, 53.0910, 12.5070



191.5430, 37.4150, -11.7770



175.1010, -78.5360, -19.4320



188.0530, -51.0770, 6.0670

Sweetspot

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



195.5090, 53.0910, 12.5070



237.7200, 15.5880, 3.8440



196.0520, 30.8940, 45.8540



117.8440, 9.3070, 2.0350



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.



195.5090, 53.0910, 12.5070



184.9510, 63.5900, 14.9660



223.0980, 40.1660, -12.0740



120.0610, 7.1980, 1.7100



74.7190, 105.5860, 24.8020



25.0060, 35.3940, 8.3380

Inverse Universe

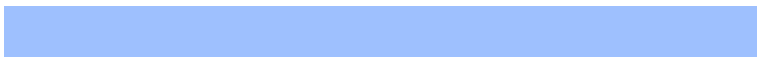
The Inverse Universe completely reimagines the original color for something new.



216.4910, -53.0910, -12.5070



210.0490, -63.5900, -14.9660



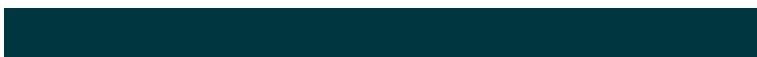
188.9020, -40.1660, 12.0740



122.9390, -7.1980, -1.7100



116.8680, -105.8610, -25.3250



38.9940, -35.3940, -8.3380

Previews

White Background



This preview shows how the YIQ color 195.5090, 53.0910, 12.5070 looks on a white background.

Color Contrast Check

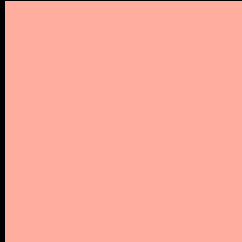
Large Text (above 18pt) WCAG AA × Fail

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 195.5090, 53.0910, 12.5070 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 195.5090, 53.0910, 12.5070

Background



This preview shows how black text looks on a background with the YIQ color 195.5090, 53.0910, 12.5070.



This preview shows how white text looks on a background with the YIQ color 195.5090, 53.0910,

12.5070.

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

195.5090, 53.0910, 12.5070

Protanopia

193.1400, 13.9850, -5.6550

Deuteranopia

194.2410, 32.8740, -1.0620



Tritanopia

196.7830, 46.8080, 21.7520

Trichromacy



Original Color

195.5090, 53.0910, 12.5070

Protanomaly

194.2560, 28.5180, 0.7900

Deuteranomaly

194.7090, 40.4840, 4.1960

Tritanomaly

196.3440, 49.4220, 18.4300

Monochromacy



Original Color

195.5090, 53.0910, 12.5070

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9870, 19.2100, 4.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.5090, 53.0910, 12.5070 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, 173, 158)` looks like.

```
.text, #text, p{  
    color:rgb(254, 173, 158)  
}
```

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, 173, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 173, 158) }
```

Border

The CSS property to change the border of an element to YIQ 195.5090, 53.0910, 12.5070 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, 173, 158) }
```


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

```
.border{ border-color:rgb(254, 173, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 173, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 173, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 173, 158);  
box-shadow:4px 4px 4px 4px rgb(254, 173,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 195.5090, 53.0910, 12.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 173, 158) }
```

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

```
.background{ background-color: rgb(254,  
173, 158) }
```

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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