

Converting Colors

YIQ(195.3130, 41.5390, 1.5950)

Have a look what the booklet for
YIQ(195.3130, 41.5390, 1.5950)
contains.

YIQ(195.3130, 41.5390, 1.5950)	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(195.3130, 41.5390,
1.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB798
RGB	236, 183, 152
RGB Percent	93%, 72%, 60%
CMY	0.0744, 0.2824, 0.4037
CMYK	0.00, 0.22, 0.36, 0.07
HSL	22°, 69%, 76%
HSV	22°, 36%, 93%
XYZ	57.2014, 53.9639, 37.1277
YIQ	195.3130, 41.5390, 1.5950

Conversions

Conversions Part 2

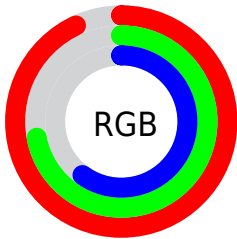
Format	Color
R _Y B	236, 201, 152
Decimal	15513496
CIE Lab	78.44, 15.07, 23.10
CIE LCh	78, 27.584, 56.882
Yxy	53.9639, 0.3857, 0.3639
Android (android.graphics.Color)	4293703576 (0xFFECB798)
YUV	195.3130, -21.3533, 35.6825
Hunter-Lab	73.4601, 10.4381, 21.4561

Details

The YIQ color **195.3130, 41.5390, 1.5950** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **192.6870, -41.5390, -1.5950**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0220, 20.1290, -6.8710**, and **141.3450, 38.5130, 1.3690** is the 20% darker color. If you saturate the color by 10%, you get **183.7720, 53.3680, 1.9760**, and if you desaturate by 10%, it is **206.8540, 29.7100, 1.2140**.

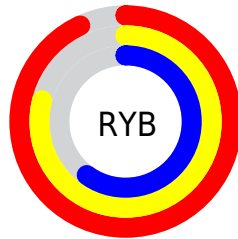
Distribution



Red (93%)

Green (72%)

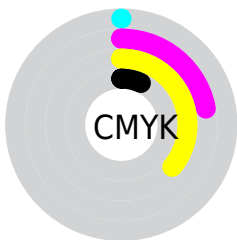
Blue (60%)



Red (93%)

Yellow (79%)

Blue (60%)

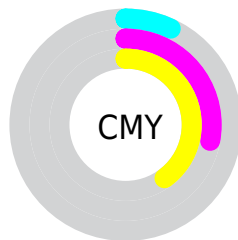


Cyan (0%)

Magenta (22%)

Yellow (36%)

Black (7%)



Cyan (7%)


Magenta (28%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.3130, 41.5390, 1.5950 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 195.3130, 41.5390, 1.5950 by changing the saturation by 10% instead.

 195.3130, 41.5390,
1.5950


 195.3130, 41.5390,
1.5950


255.0000, -0.0000,
-0.0000


 167.8290, 40.0260,
1.4820


 240.0220, 20.1290,
-6.8710


 141.3450, 38.5130,
1.3690

 252.7200, 6.4200,
-6.2200

 115.5620, 36.4040,
1.0440

 90.1920, 34.5700,
1.2420

 66.1100, 31.8650,
0.7050

 43.2130, 30.0770,
0.0690

 22.8580, 23.8870,

2.1190

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 195.3130, 41.5390,
1.5950

■ 195.3130, 41.5390,
1.5950

■ 183.7720, 53.3680,
1.9760

■ 206.8540, 29.7100,
1.2140

■ 172.3450, 64.8760,
2.6680

■ 218.2810, 18.2020,
0.5220

■ 160.8040, 76.7050,
3.0490

■ 229.8220, 6.3730,
0.1410

■ 149.3770, 88.2130,
3.7410

■ 241.2490, -5.1350,
-0.5510

■ 137.8360,
100.0420, 4.1220

■ 249.3190,
-11.3240, -4.0280

■ 126.8820,
111.5960, 3.9800

■ 121.6330,
116.7310, 4.5310

Harmonies

Analogous

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



197.0610, 42.7290, 13.0730



195.3130, 41.5390, 1.5950



192.7040, 29.7120, -9.8400

Triad

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



195.3130, 41.5390, 1.5950



183.2240, -39.5180, -21.7100



196.0210, -12.5200, 17.6560

Complementary

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



195.3130, 41.5390, 1.5950



192.6870, -41.5390, -1.5950

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.



191.1100, -38.0560, 6.8720



195.3130, 41.5390, 1.5950



182.3010, -55.6120, -16.3800

Square

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



195.3130, 41.5390, 1.5950



186.6860, -14.5760, -22.1920



185.2230, -54.9720, -5.9480



198.2430, 13.3380, 22.6020

Rectangle

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



195.3130, 41.5390, 1.5950



191.3710, 17.2880, -15.9600



185.2230, -54.9720, -5.9480



194.5360, -21.4600, 14.4760

Sweetspot

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



195.3130, 41.5390, 1.5950



241.2420, 13.9380, 0.7060



183.1580, 33.0510, 34.2910



119.6050, 8.4820, 0.4660



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.



195.3130, 41.5390, 1.5950



201.9570, 54.2850, 1.8770



219.9670, 29.9890, -20.3710



111.6370, 5.4560, 0.2400



93.4480, 89.4510, 3.3310



27.8860, 26.6840, 0.9880

Inverse Universe

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



192.6870, -41.5390, -1.5950



198.6300, -54.5600, -2.4000



168.0330, -29.9890, 20.3710



111.3630, -5.4560, -0.2400



87.5520, -89.4510, -3.3310



26.1140, -26.6840, -0.9880

Previews

White Background



This preview shows how the YIQ color 195.3130, 41.5390, 1.5950 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 195.3130, 41.5390, 1.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

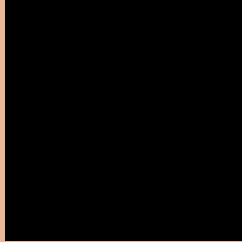
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.3130, 41.5390, 1.5950

Background



This preview shows how black text looks on a background with the YIQ color 195.3130, 41.5390, 1.5950.



This preview shows how white text looks on a background with the YIQ color 195.3130, 41.5390,

1.5950.

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

195.3130, 41.5390, 1.5950

Protanopia

193.3700, 19.0290, -8.9630

Deuteranopia

195.1550, 35.9920, -2.5040



Tritanopia

198.0200, 32.7790, 17.1870

Trichromacy



Original Color

195.3130, 41.5390, 1.5950

Protanomaly

194.0830, 27.3270, -5.1610

Deuteranomaly

195.4650, 38.0550, -1.3450

Tritanomaly

197.2990, 36.1270, 11.5750

Monochromacy



Original Color

195.3130, 41.5390, 1.5950

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.3130, 15.1760, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.3130, 41.5390, 1.5950 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(236, 183, 152)` looks like.

```
.text, #text, p{  
    color:rgb(236, 183, 152)  
}
```

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(236, 183, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 183, 152) }
```

Border

The CSS property to change the border of an element to YIQ 195.3130, 41.5390, 1.5950 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(236, 183, 152) }
```


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

```
.border{ border-color:rgb(236, 183, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 183, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 183, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 183, 152);  
box-shadow:4px 4px 4px 4px rgb(236, 183,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 195.3130, 41.5390, 1.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 183, 152) }
```

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

```
.background{ background-color: rgb(236,  
183, 152) }
```

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