

# Converting Colors

YIQ(187.3130, 41.5390, 1.5950)

Have a look what the booklet for  
YIQ(187.3130, 41.5390, 1.5950)  
contains.

<b>YIQ(187.3130, 41.5390, 1.5950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(187.3130, 41.5390,  
1.5950)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4AF90
RGB	228, 175, 144
RGB Percent	89%, 69%, 56%
CMY	0.1058, 0.3138, 0.4351
CMYK	0.00, 0.23, 0.37, 0.11
HSL	22°, 61%, 73%
HSV	22°, 37%, 89%
XYZ	52.3669, 49.1648, 33.1346
YIQ	187.3130, 41.5390, 1.5950

# Conversions

## Conversions Part 2

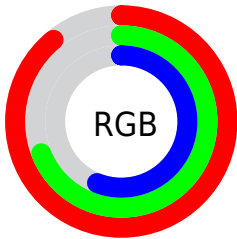
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 193, 144
Decimal	14987152
CIE Lab	75.55, 15.27, 23.33
CIE LCh	76, 27.880, 56.789
Yxy	49.1648, 0.3889, 0.3651
Android (android.graphics.Color)	4293177232 (0xFFE4AF90)
YUV	187.3130, -21.3533, 35.6825
Hunter-Lab	70.1176, 10.6059, 21.0644

# Details

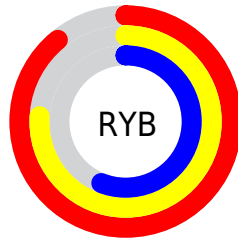
The YIQ color **187.3130, 41.5390, 1.5950** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **184.6870, -41.5390, -1.5950**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.4140, 24.8970, -5.1750**, and **133.3450, 38.5130, 1.3690** is the 20% darker color. If you saturate the color by 10%, you get **176.4730, 52.7720, 1.7640**, and if you desaturate by 10%, it is **198.1530, 30.3060, 1.4260**.

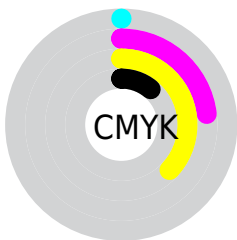
# Distribution



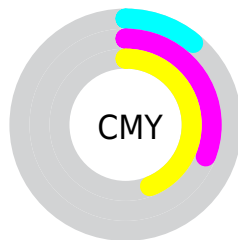
- Red (89%)
- Green (69%)
- Blue (56%)



- Red (89%)
- Yellow (76%)
- Blue (56%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (11%)




- Cyan (11%)
- Magenta (31%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3130, 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 187.3130, 41.5390, 1.5950 by changing the saturation by 10% instead.




 187.3130, 41.5390,  
1.5950


 187.3130, 41.5390,  
1.5950


255.0000, -0.0000,  
-0.0000


 159.8290, 40.0260,  
1.4820


 234.4140, 24.8970,  
-5.1750


 133.3450, 38.5130,  
1.3690

 251.6940, 9.3090,  
-9.0190

 107.6760, 36.0830,  
1.3550

 83.4800, 33.6990,  
0.5070

 59.6970, 31.5900,  
0.1820

 36.4580, 30.7650,  
-1.3870

 16.3680, 22.5110,

5.0310

■ 0.0000, 0.0000,  
0.0000

■ 187.3130, 41.5390,  
1.5950

■ 187.3130, 41.5390,  
1.5950

■ 176.4730, 52.7720,  
1.7640

■ 198.1530, 30.3060,  
1.4260

■ 165.0460, 64.2800,  
2.4560

■ 209.5800, 18.7980,  
0.7340

■ 154.3200, 75.1920,  
2.9360

■ 220.3060, 7.8860,  
0.2540

■ 142.8930, 86.7000,  
3.6280

■ 231.7330, -3.6220,  
-0.4380

■ 132.0530, 97.9330,  
3.7970

■ 242.2310,  
-13.8920, -1.5400

■ 121.2130,  
109.1660, 3.9660

■ 246.9270,  
-16.0920, -5.7240

■ 117.4800,  
112.7880, 4.4040

# Harmonies

## Analogous

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



189.0610, 42.7290, 13.0730



187.3130, 41.5390, 1.5950



185.5900, 30.0330, -10.1510

# Triad

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



187.3130, 41.5390, 1.5950



175.2240, -39.5180, -21.7100



188.3090, -13.3910, 16.9210

# Complementary

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



187.3130, 41.5390, 1.5950



184.6870, -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.



182.8110, -38.6520, 6.6600



187.3130, 41.5390, 1.5950



173.7030, -56.8040, -16.8040

# Square

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



187.3130, 41.5390, 1.5950



178.6860, -14.5760, -22.1920



176.6250, -56.1640, -6.3720



190.3570, 13.0170, 22.9130



# Rectangle

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



187.3130, 41.5390, 1.5950



183.3710, 17.2880, -15.9600



176.6250, -56.1640, -6.3720



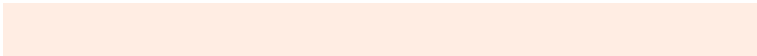
187.1230, -21.7350, 13.9530

# Sweetspot

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



187.3130, 41.5390, 1.5950



241.2420, 13.9380, 0.7060



175.1580, 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.



187.3130, 41.5390, 1.5950



200.5550, 55.4770, 2.3010



211.9670, 29.9890, -20.3710



109.5230, 5.7770, -0.0710



92.2630, 88.5340, 3.4300



26.4020, 25.1710, 0.8750



# Inverse Universe

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



184.6870, -41.5390, -1.5950



197.4450, -55.4770, -2.3010



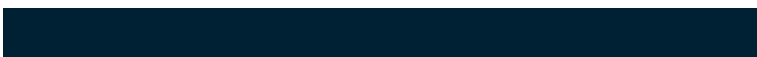
160.0330, -29.9890, 20.3710



109.0640, -6.0520, -0.4520



86.7370, -88.5340, -3.4300



24.5980, -25.1710, -0.8750



# Previews

## White Background



This preview shows how the YIQ color 187.3130, 41.5390, 1.5950 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

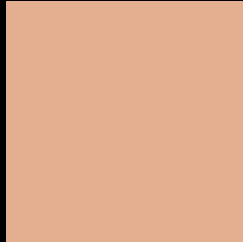
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 187.3130, 41.5390, 1.5950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

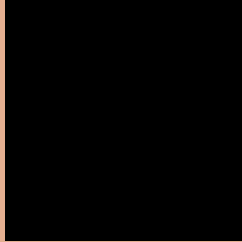
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 187.3130, 41.5390, 1.5950

## Background



This preview shows how black text looks on a background with the YIQ color 187.3130, 41.5390, 1.5950.



This preview shows how white text looks on a background with the YIQ color 187.3130, 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

187.3130, 41.5390, 1.5950

### Protanopia

185.3700, 19.0290, -8.9630

### Deuteranopia

186.8560, 35.3960, -2.7160



## Tritanopia

190.0200, 32.7790, 17.1870

# Trichromacy



**Original Color**

187.3130, 41.5390, 1.5950

**Protanomaly**

186.0830, 27.3270, -5.1610

**Deuteranomaly**

187.1660, 37.4590, -1.5570

**Tritanomaly**

189.2990, 36.1270, 11.5750

# Monochromacy



**Original Color**

187.3130, 41.5390, 1.5950

**Achromatopsia**

187.0000, -0.0000, -0.0000

**Achromatomaly**

187.3130, 15.1760, 0.2960

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 187.3130, 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(228, 175, 144)` looks like.

```
.text, #text, p{  
    color:rgb(228, 175, 144)  
}
```

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(228, 175, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 175, 144) }
```

## Border

The CSS property to change the border of an element to YIQ 187.3130, 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(228, 175, 144) }
```



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

```
.border{ border-color:rgb(228, 175, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 175, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 175, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 175, 144);  
box-shadow:4px 4px 4px 4px rgb(228, 175,  
144) }
```

# Background

The CSS property to change the background color of an element to YIQ 187.3130, 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(228, 175, 144) }
```

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

```
.background{ background-color: rgb(228,  
175, 144) }
```

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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