

Converting Colors

YIQ(194.7550, 42.8700, -6.0100)

Have a look what the booklet for
YIQ(194.7550, 42.8700, -6.0100)
contains.

YIQ(194.7550, 42.8700, -6.0100)	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(194.7550, 42.8700,
-6.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BB89
RGB	232, 187, 137
RGB Percent	91%, 73%, 54%
CMY	0.0901, 0.2667, 0.4625
CMYK	0.00, 0.19, 0.41, 0.09
HSL	32°, 67%, 72%
HSV	32°, 41%, 91%
XYZ	55.5705, 54.4993, 31.2775
YIQ	194.7550, 42.8700, -6.0100

Conversions

Conversions Part 2

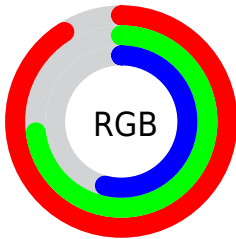
Format	Color
R _Y B	223, 232, 137
Decimal	15252361
CIE Lab	78.75, 9.68, 31.40
CIE LCh	79, 32.860, 72.870
Yxy	54.4993, 0.3931, 0.3856
Android (android.graphics.Color)	4293442441 (0xFFE8BB89)
YUV	194.7550, -28.4732, 32.6639
Hunter-Lab	73.8236, 5.1739, 26.5566

Details

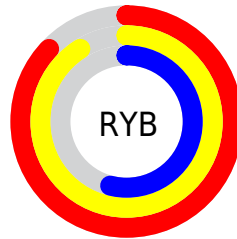
The YIQ color **194.7550, 42.8700, -6.0100** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **174.2450, -42.8700, 6.0100**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6600, 23.8440, -13.6280**, and **140.7870, 39.8440, -6.2360** is the 20% darker color. If you saturate the color by 10%, you get **185.6760, 53.2780, -7.4100**, and if you desaturate by 10%, it is **203.8340, 32.4620, -4.6100**.

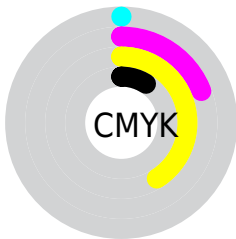
Distribution



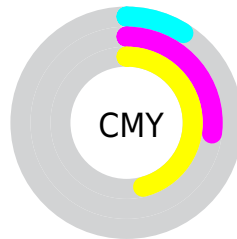
- Red (91%)
- Green (73%)
- Blue (54%)



- Red (87%)
- Yellow (91%)
- Blue (54%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.7550, 42.8700, -6.0100 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 194.7550, 42.8700, -6.0100 by changing the saturation by 10% instead.


 194.7550, 42.8700,
-6.0100


 194.7550, 42.8700,
-6.0100


255.0000, -0.0000,
-0.0000


 167.2710, 41.3570,
-6.1230


 240.6600, 23.8440,
-13.6280


 140.7870, 39.8440,
-6.2360


 250.8960, 11.5560,
-11.1960

 115.1180, 37.4140,
-6.2500

 254.2020, 2.2470,
-2.1770

 89.7480, 35.5800,
-6.0520

 65.5520, 33.1960,
-6.9000

 43.2250, 29.8030,
-5.9810

 24.0100, 20.4030,

-0.8210

■ 3.2890, 6.5560,
2.3320

■ 0.0000, 0.0000,
0.0000

■ 194.7550, 42.8700,
-6.0100

■ 194.7550, 42.8700,
-6.0100

■ 185.6760, 53.2780,
-7.4100

■ 203.8340, 32.4620,
-4.6100

■ 176.5970, 63.6860,
-8.8100

■ 212.9130, 22.0540,
-3.2100

■ 167.4040, 74.4150,
-10.5210

■ 222.1060, 11.3250,
-1.4990

■ 158.3250, 84.8230,
-11.9210

■ 231.1850, 0.9170,
-0.0990

■ 149.2460, 95.2310,
-13.3210

■ 240.2640, -9.4910,
1.3010

■ 140.9820,
104.7220, -14.6220

■ 246.9490,
-13.1580, -3.8300

■ 248.1230,
-13.7080, -4.8760

Harmonies

Analogous

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



196.6180, 51.1660, 8.8460



194.7550, 42.8700, -6.0100



191.7260, 23.4780, -18.0100

Triad

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



194.7550, 42.8700, -6.0100



179.1380, -62.7630, -24.4510



198.7780, 1.6460, 25.2460

Complementary

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



194.7550, 42.8700, -6.0100



174.2450, -42.8700, 6.0100

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.



194.5720, -30.3090, 15.1550



194.7550, 42.8700, -6.0100



179.3730, -73.3100, -15.0220

Square

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



194.7550, 42.8700, -6.0100



183.6880, -35.2530, -27.4210



186.8730, -59.5580, 0.0740



199.4900, 28.8800, 27.2800

Rectangle

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



194.7550, 42.8700, -6.0100



189.5820, 6.1480, -23.3240



186.8730, -59.5580, 0.0740



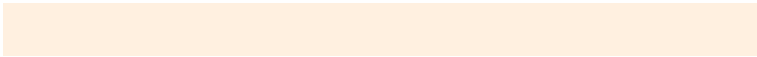
197.9230, -9.1280, 22.2640

Sweetspot

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



194.7550, 42.8700, -6.0100



242.6610, 14.0760, -1.7960



170.6490, 41.8540, 34.4460



120.6650, 8.2530, -0.8910



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.



194.7550, 42.8700, -6.0100



206.1170, 56.3500, -8.0180



220.5720, 29.3030, -29.9690



110.1100, 5.5020, -0.5940



108.6990, 80.8340, -11.2140



31.0980, 22.9710, -3.3090

Inverse Universe

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



174.2450, -42.8700, 6.0100



178.8830, -56.3500, 8.0180



148.4280, -29.3030, 29.9690



107.8900, -5.5020, 0.5940



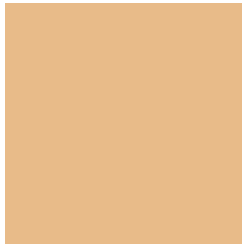
70.3010, -80.8340, 11.2140



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 194.7550, 42.8700, -6.0100 looks on a white background.

Color Contrast Check

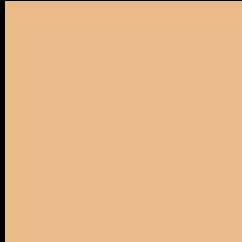
Large Text (above 18pt) WCAG AA × Fail

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 194.7550, 42.8700, -6.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

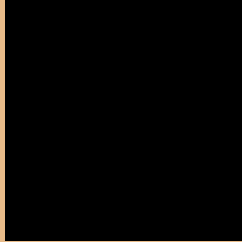
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.7550, 42.8700, -6.0100

Background



This preview shows how black text looks on a background with the YIQ color 194.7550, 42.8700, -6.0100.



This preview shows how white text looks on a background with the YIQ color 194.7550, 42.8700, -6.0100.

-6.0100.

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

194.7550, 42.8700, -6.0100

Protanopia

193.2150, 26.5950, -13.9250

Deuteranopia

194.7550, 42.8700, -6.0100



Tritanopia

198.8240, 30.3950, 16.3390

Trichromacy



Original Color

194.7550, 42.8700, -6.0100

Protanomaly

193.7320, 32.5090, -10.9710

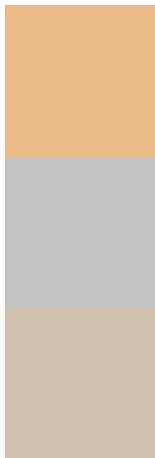
Deuteranomaly

194.7550, 42.8700, -6.0100

Tritanomaly

197.7070, 34.7980, 8.1260

Monochromacy



Original Color

194.7550, 42.8700, -6.0100

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.7320, 15.3140, -2.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.7550, 42.8700, -6.0100 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(232, 187, 137)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 137)  
}
```

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(232, 187, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 137) }
```

Border

The CSS property to change the border of an element to YIQ 194.7550, 42.8700, -6.0100 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(232, 187, 137) }
```


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

```
.border{ border-color:rgb(232, 187, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 187, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 137);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 194.7550, 42.8700, -6.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 137) }
```

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

```
.background{ background-color: rgb(232,  
187, 137) }
```

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