

Converting Colors

YIQ(191.3530, 53.2300, 4.4780)

Have a look what the booklet for
YIQ(191.3530, 53.2300, 4.4780)
contains.

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Color

**YIQ(191.3530, 53.2300,
4.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AE8C
RGB	245, 174, 140
RGB Percent	96%, 68%, 55%
CMY	0.0391, 0.3177, 0.4507
CMYK	0.00, 0.29, 0.43, 0.04
HSL	19°, 84%, 76%
HSV	19°, 43%, 96%
XYZ	57.5377, 51.5750, 31.7568
YIQ	191.3530, 53.2300, 4.4780

Conversions

Conversions Part 2

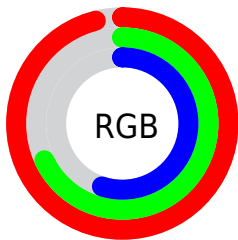
Format	Color
R _Y B	245, 190, 140
Decimal	16101004
CIE Lab	77.03, 21.99, 27.76
CIE LCh	77, 35.413, 51.606
Yxy	51.5750, 0.4084, 0.3661
Android (android.graphics.Color)	4294291084 (0xFFF5AE8C)
YUV	191.3530, -25.3170, 47.0484
Hunter-Lab	71.8158, 17.3339, 24.0531

Details

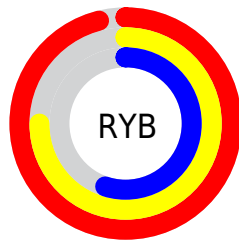
The YIQ color **191.3530, 53.2300, 4.4780** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **193.6470, -53.2300, -4.4780**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.3710, 26.4560, -5.8960**, and **136.9010, 48.6910, 4.1390** is the 20% darker color. If you saturate the color by 10%, you get **178.6380, 65.6090, 5.9050**, and if you desaturate by 10%, it is **204.1820, 40.5300, 3.3620**.

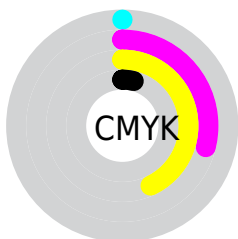
Distribution



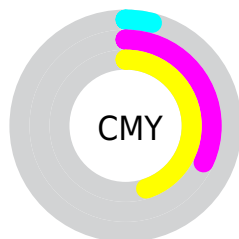
- Red (96%)
- Green (68%)
- Blue (55%)



- Red (96%)
- Yellow (75%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.3530, 53.2300, 4.4780 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 191.3530, 53.2300, 4.4780 by changing the saturation by 10% instead.

191.3530, 53.2300,
4.4780

191.3530, 53.2300,
4.4780

255.0000, -0.0000,
-0.0000

163.5700, 51.1210,
4.1530

233.3710, 26.4560,
-5.8960

136.9010, 48.6910,
4.1390

251.2380, 10.5930,
-10.2630

111.1180, 46.5820,
3.8140

254.5440, 1.2840,
-1.2440

86.0360, 43.8770,
3.2770

62.0680, 40.8510,
3.0510

38.2850, 38.7420,
2.7260

17.8850, 28.4250,

7.9850

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 191.3530, 53.2300,
4.4780

■ 191.3530, 53.2300,
4.4780

■ 178.6380, 65.6090,
5.9050

■ 204.1820, 40.5300,
3.3620

■ 166.3960, 78.0340,
6.4980

■ 216.3100, 28.4260,
2.4580

■ 153.6810, 90.4130,
7.9250

■ 229.1390, 15.7260,
1.3420

■ 141.4390,
102.8380, 8.5180

■ 241.2670, 3.6220,
0.4380

■ 128.7240,
115.2170, 9.9450

■ 252.0100, -5.9600,
-2.1200

■ 119.6280,
124.2950, 10.6230

Harmonies

Analogous

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



192.8390, 52.4020, 19.4900



191.3530, 53.2300, 4.4780



188.9240, 40.7160, -11.0280

Triad

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



191.3530, 53.2300, 4.4780



175.9900, -47.9070, -29.3710



191.6270, -22.9740, 19.8900

Complementary

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



191.3530, 53.2300, 4.4780



193.6470, -53.2300, -4.4780

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.



183.1770, -57.3580, 4.2580



191.3530, 53.2300, 4.4780



170.5970, -77.2970, -25.3690

Square

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



191.3530, 53.2300, 4.4780



181.1820, -13.3370, -28.1290



173.5340, -81.0130, -13.0850



195.1490, 10.9070, 28.1150

Rectangle

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



191.3530, 53.2300, 4.4780



186.7540, 26.2750, -19.1410



173.5340, -81.0130, -13.0850



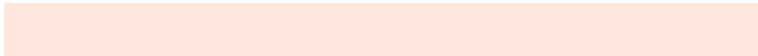
189.2340, -35.1690, 15.1270

Sweetspot

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



191.3530, 53.2300, 4.4780



238.3240, 16.6430, 1.2430



179.6030, 39.4680, 44.6520



117.3880, 10.5910, 0.7910



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.



191.3530, 53.2300, 4.4780



188.5240, 65.9300, 5.5940



221.8770, 38.9300, -22.7180



115.9360, 6.0520, 0.4520



90.8340, 94.3560, 8.0520



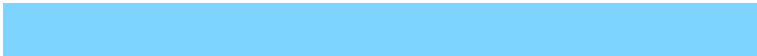
28.7940, 29.9390, 2.5710

Inverse Universe

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



193.6470, -53.2300, -4.4780



191.4760, -65.9300, -5.5940



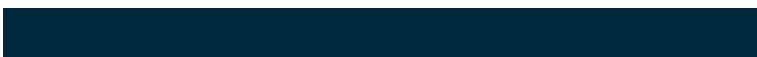
163.1230, -38.9300, 22.7180



116.0640, -6.0520, -0.4520



95.1660, -94.3560, -8.0520



30.2060, -29.9390, -2.5710

Previews

White Background



This preview shows how the YIQ color 191.3530, 53.2300, 4.4780 looks on a white background.

Color Contrast Check

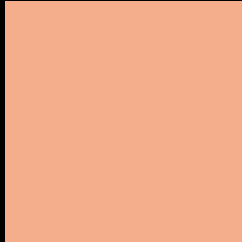
Large Text (above 18pt) WCAG AA × Fail

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 191.3530, 53.2300, 4.4780 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 191.3530, 53.2300, 4.4780

Background



This preview shows how black text looks on a background with the YIQ color 191.3530, 53.2300, 4.4780.



This preview shows how white text looks on a background with the YIQ color 191.3530, 53.2300,

4.4780.

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

191.3530, 53.2300, 4.4780

Protanopia

188.9850, 21.5510, -10.6170

Deuteranopia

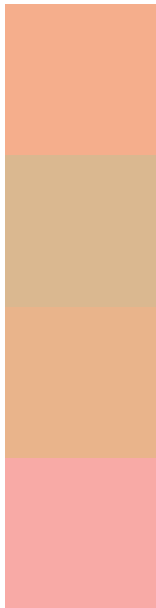
190.7270, 40.0730, -4.8790



Tritanopia

193.7010, 44.1030, 21.2150

Trichromacy



Original Color

191.3530, 53.2300, 4.4780

Protanomaly

189.6060, 33.1040, -5.2320

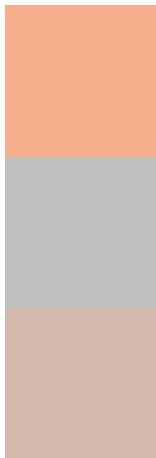
Deuteranomaly

191.1730, 44.7490, -1.5150

Tritanomaly

192.8660, 47.7720, 15.2920

Monochromacy



Original Color

191.3530, 53.2300, 4.4780

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.2920, 19.6690, 1.4690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.3530, 53.2300, 4.4780 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(245, 174, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 140)  
}
```

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(245, 174, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 140) }
```

Border

The CSS property to change the border of an element to YIQ 191.3530, 53.2300, 4.4780 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(245, 174, 140) }
```


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

```
.border{ border-color:rgb(245, 174, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 174, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 191.3530, 53.2300, 4.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 140) }
```

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

```
.background{ background-color: rgb(245,  
174, 140) }
```

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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