

Converting Colors

YIQ(201.6660, 59.2380, -5.2900)

Have a look what the booklet for
YIQ(201.6660, 59.2380, -5.2900)
contains.

YIQ(201.6660, 59.2380, -5.2900)	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(201.6660, 59.2380,
-5.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD7F
RGB	255, 189, 127
RGB Percent	100%, 74%, 50%
CMY	0.0000, 0.2589, 0.5017
CMYK	0.00, 0.26, 0.50, 0.00
HSL	29°, 100%, 75%
HSV	29°, 50%, 100%
XYZ	63.2671, 59.1774, 28.1912
YIQ	201.6660, 59.2380, -5.2900

Conversions

Conversions Part 2

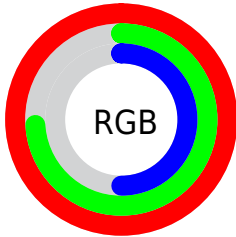
Format	Color
R _Y B	255, 247, 127
Decimal	16760191
CIE Lab	81.39, 16.79, 40.44
CIE LCh	81, 43.785, 67.458
Yxy	59.1774, 0.4200, 0.3929
Android (android.graphics.Color)	4294950271 (0xFFFFBD7F)
YUV	201.6660, -36.8103, 46.7739
Hunter-Lab	76.9268, 12.1821, 32.1209

Details

The YIQ color **201.6660, 59.2380, -5.2900** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **180.3340, -59.2380, 5.2900**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6940, 26.5040, -17.7840**, and **146.8010, 54.4240, -6.1520** is the 20% darker color. If you saturate the color by 10%, you get **191.1850, 70.8380, -6.2660**, and if you desaturate by 10%, it is **212.2610, 47.3170, -4.0030**.

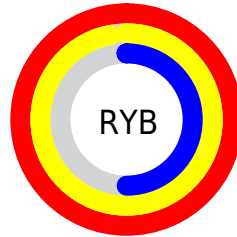
Distribution



Red (100%)

Green (74%)

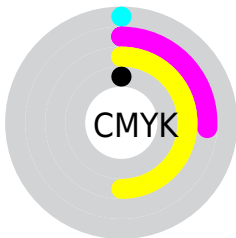
Blue (50%)



Red (100%)

Yellow (97%)

Blue (50%)

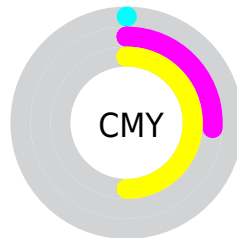


Cyan (0%)

Magenta (26%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.6660, 59.2380, -5.2900 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 201.6660, 59.2380, -5.2900 by changing the saturation by 10% instead.


 201.6660, 59.2380,
-5.2900


 201.6660, 59.2380,
-5.2900


255.0000, -0.0000,
-0.0000


 173.8830, 57.1290,
-5.6150


 240.6940, 26.5040,
-17.7840


 146.9150, 54.1030,
-5.8410


 249.7560, 14.7660,
-14.3060

 120.1320, 51.9940,
-6.1660

 252.9480, 5.7780,
-5.5980

 94.9360, 49.6100,
-7.0140

 69.6260, 47.5470,
-8.1730

 48.2970, 38.4680,
-3.3240

 27.8970, 28.1510,

1.9350

■ 10.1660, 20.2640,
7.2080

■ 0.0000, 0.0000,
0.0000

■ 201.6660, 59.2380,
-5.2900

■ 201.6660, 59.2380,
-5.2900

■ 191.1850, 70.8380,
-6.2660

■ 212.2610, 47.3170,
-4.0030

■ 180.5900, 82.7590,
-7.5530

■ 222.7420, 35.7170,
-3.0270

■ 169.5220, 94.6340,
-8.0060

■ 233.3370, 23.7960,
-1.7400

■ 158.9270,
106.5550, -9.2930

■ 244.4050, 11.9210,
-1.2870

■ 148.4460,
118.1550, -10.2690

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



197.1130, 54.1460, 9.9060



201.6660, 59.2380, -5.2900



198.3220, 36.1790, -22.4210

Triad

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



201.6660, 59.2380, -5.2900



174.3790, -91.7830, -38.1750



205.2060, -2.4350, 27.6210

Complementary

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



201.6660, 59.2380, -5.2900



180.3340, -59.2380, 5.2900

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.



195.7720, -42.9160, 6.8440



201.6660, 59.2380, -5.2900



158.9280, -141.6210, -38.0450

Square

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



201.6660, 59.2380, -5.2900



186.6560, -41.3950, -37.2590



180.3910, -90.9160, -15.3320



205.7600, 28.4200, 35.6200

Rectangle

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



201.6660, 59.2380, -5.2900



195.2590, 14.1270, -30.2650



180.3910, -90.9160, -15.3320



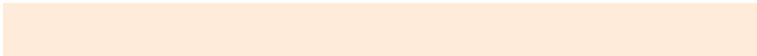
202.7590, -14.5380, 21.1900

Sweetspot

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



201.6660, 59.2380, -5.2900



238.9280, 17.6980, -1.3580



172.7960, 55.1020, 47.6620



118.3340, 10.6830, -0.8770



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.



201.6660, 59.2380, -5.2900



191.1850, 70.8380, -6.2660



239.2340, 41.6380, -38.7620



122.4090, 6.0980, -0.3820



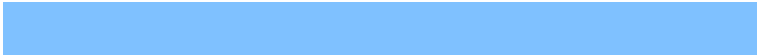
111.7000, 88.2610, -8.1470



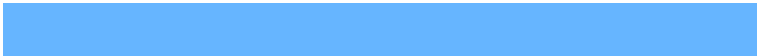
37.3330, 29.6190, -2.6450

Inverse Universe

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



180.3340, -59.2380, 5.2900



165.8150, -70.8380, 6.2660



142.7660, -41.6380, 38.7620



120.0040, -5.8230, 0.9050



79.8870, -88.5360, 7.6240



26.6670, -29.6190, 2.6450

Previews

White Background



This preview shows how the YIQ color 201.6660, 59.2380, -5.2900 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 201.6660, 59.2380, -5.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

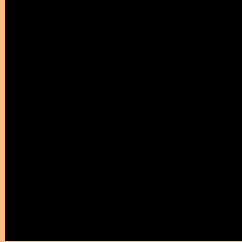
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.6660, 59.2380, -5.2900

Background



This preview shows how black text looks on a background with the YIQ color 201.6660, 59.2380, -5.2900.



This preview shows how white text looks on a background with the YIQ color 201.6660, 59.2380, -5.2900.

-5.2900.

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

201.6660, 59.2380, -5.2900

Protanopia

199.4020, 33.1980, -17.9540

Deuteranopia

200.9100, 52.4990, -9.8130



Tritanopia

205.8960, 39.0600, 18.9960

Trichromacy



Original Color

201.6660, 59.2380, -5.2900

Protanomaly

200.1260, 42.9630, -13.2050

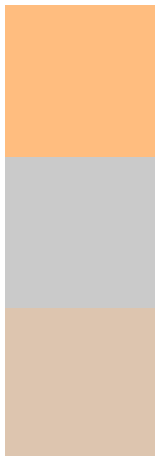
Deuteranomaly

201.5190, 55.1580, -8.4420

Tritanomaly

204.2200, 46.5350, 10.1750

Monochromacy



Original Color

201.6660, 59.2380, -5.2900

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.6680, 21.3660, -1.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6660, 59.2380, -5.2900 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(255, 189, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 127)  
}
```

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(255, 189, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 127) }
```

Border

The CSS property to change the border of an element to YIQ 201.6660, 59.2380, -5.2900 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(255, 189, 127) }
```


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

```
.border{ border-color:rgb(255, 189, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6660, 59.2380, -5.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 127) }
```

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

```
.background{ background-color: rgb(255,  
189, 127) }
```

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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