

Converting Colors

YIQ(205.7700, 47.6820, 5.9060)

Have a look what the booklet for
YIQ(205.7700, 47.6820, 5.9060)
contains.

YIQ(205.7700, 47.6820, 5.9060)	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(205.7700, 47.6820,
5.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA3
RGB	255, 189, 163
RGB Percent	100%, 74%, 64%
CMY	0.0000, 0.2589, 0.3606
CMYK	0.00, 0.26, 0.36, 0.00
HSL	17°, 100%, 82%
HSV	17°, 36%, 100%
XYZ	66.0473, 60.2895, 42.8314
YIQ	205.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

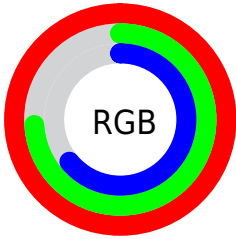
Format	Color
R _Y B	255, 199, 163
Decimal	16760227
CIE Lab	82.00, 20.48, 22.41
CIE LCh	82, 30.359, 47.589
Yxy	60.2895, 0.3904, 0.3564
Android (android.graphics.Color)	4294950307 (0xFFFFBDA3)
YUV	205.7700, -21.0856, 43.1747
Hunter-Lab	77.6463, 15.9541, 21.6468

Details

The YIQ color **205.7700, 47.6820, 5.9060** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **212.2300, -47.6820, -5.9060**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.9120, 14.6270, -6.2770**, and **150.8020, 44.6560, 5.6800** is the 20% darker color. If you saturate the color by 10%, you get **192.3540, 60.6570, 7.5450**, and if you desaturate by 10%, it is **219.3000, 34.3860, 4.5780**.

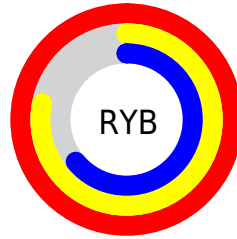
Distribution



Red (100%)

Green (74%)

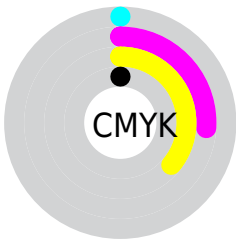
Blue (64%)



Red (100%)

Yellow (78%)

Blue (64%)

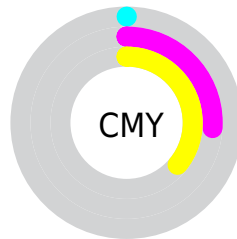


Cyan (0%)

Magenta (26%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (26%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.7700, 47.6820, 5.9060 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 205.7700, 47.6820, 5.9060 by changing the saturation by 10% instead.


 205.7700, 47.6820,
5.9060


 205.7700, 47.6820,
5.9060


255.0000, -0.0000,
-0.0000


 177.9870, 45.5730,
5.5810


 244.9120, 14.6270,
-6.2770


 150.8020, 44.6560,
5.6800

 254.0880, 2.5680,
-2.4880

 124.7200, 41.9510,
5.1430

 98.9370, 39.8420,
4.8180

 74.8550, 37.1370,
4.2810

 51.1860, 34.7070,
4.2670

 28.5170, 32.2770,

4.2530

■ 11.3620, 22.6480,
8.0560

■ 0.0000, 0.0000,
0.0000

■ 205.7700, 47.6820,
5.9060

■ 205.7700, 47.6820,
5.9060

■ 192.3540, 60.6570,
7.5450

■ 219.3000, 34.3860,
4.5780

■ 178.2370, 74.2280,
9.3960

■ 233.3030, 21.1360,
2.4160

■ 164.8210, 87.2030,
11.0350

■ 246.8330, 7.8400,
1.0880

■ 151.2910,
100.4990, 12.3630

255.0000, -0.0000,
-0.0000

■ 137.2880,
113.7490, 14.5250

■ 123.7580,
127.0450, 15.8530

■ 118.5090,
132.1800, 16.4040

Harmonies

Analogous

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



205.6850, 41.0320, 16.2960



205.7700, 47.6820, 5.9060



203.4770, 37.7810, -7.3950

Triad

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



205.7700, 47.6820, 5.9060



193.0840, -36.3080, -24.8200



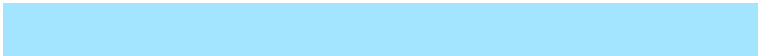
204.4650, -22.6980, 14.8860

Complementary

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



205.7700, 47.6820, 5.9060



212.2300, -47.6820, -5.9060

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.



197.7880, -49.0130, 1.6990



205.7700, 47.6820, 5.9060



190.3990, -59.0040, -20.9880

Square

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



205.7700, 47.6820, 5.9060



197.3400, -7.7900, -24.0300



192.0860, -65.0120, -11.2200



208.2900, 5.9560, 24.2280

Rectangle

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



205.7700, 47.6820, 5.9060



201.3890, 26.0450, -14.9710



192.0860, -65.0120, -11.2200



202.3390, -31.2710, 10.5610

Sweetspot

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



205.7700, 47.6820, 5.9060



240.0680, 14.4880, 1.7520



198.1460, 33.3250, 40.3410



119.0180, 8.7570, 0.9890



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.



205.7700, 47.6820, 5.9060



196.0870, 57.0350, 7.1070



232.1850, 35.3070, -17.6290



120.6480, 6.9230, 1.1870



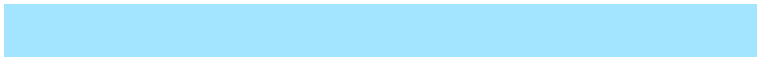
88.8070, 98.9860, 12.2500



29.7020, 33.1940, 4.1540

Inverse Universe

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



212.2300, -47.6820, -5.9060



203.9130, -57.0350, -7.1070



186.4020, -35.5820, 17.1060



121.7650, -6.6480, -0.6640



102.1930, -98.9860, -12.2500



34.2980, -33.1940, -4.1540

Previews

White Background



This preview shows how the YIQ color 205.7700, 47.6820, 5.9060 looks on a white background.

Color Contrast Check

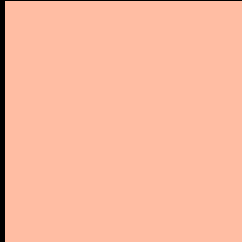
Large Text (above 18pt) WCAG AA × Fail

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 205.7700, 47.6820, 5.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

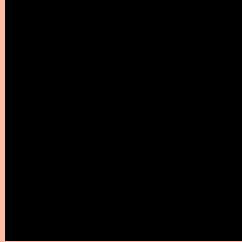
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.7700, 47.6820, 5.9060

Background



This preview shows how black text looks on a background with the YIQ color 205.7700, 47.6820, 5.9060.



This preview shows how white text looks on a background with the YIQ color 205.7700, 47.6820,

5.9060.

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

205.7700, 47.6820, 5.9060

Protanopia

203.7120, 18.0660, -8.0300

Deuteranopia

204.6820, 35.9460, -1.6700



Tritanopia

208.1130, 36.9510, 18.6710

Trichromacy



Original Color

205.7700, 47.6820, 5.9060

Protanomaly

204.6210, 28.7480, -3.3800

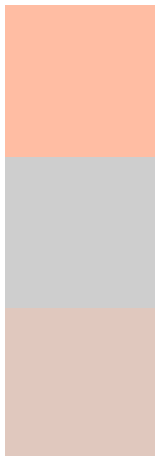
Deuteranomaly

204.7150, 40.3470, 1.1710

Tritanomaly

207.2180, 40.8490, 14.1050

Monochromacy



Original Color

205.7700, 47.6820, 5.9060

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0360, 17.5140, 1.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.7700, 47.6820, 5.9060 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 163) }
```

Border

The CSS property to change the border of an element to YIQ 205.7700, 47.6820, 5.9060 is called "border". The border property can be set on classes, ids or directly on the HTML element.

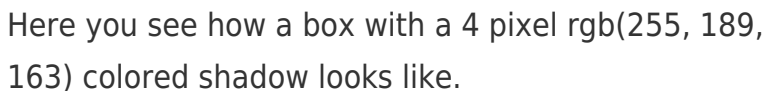
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 189, 163) }
```


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

```
.border{ border-color:rgb(255, 189, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 205.7700, 47.6820, 5.9060 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, 163) }
```

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

```
.background{ background-color: rgb(255,  
189, 163) }
```

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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