

Converting Colors

YIQ(205.6560, 48.0030, 5.5950)

Have a look what the booklet for
YIQ(205.6560, 48.0030, 5.5950)
contains.

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Color

**YIQ(205.6560, 48.0030,
5.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDA2
RGB	255, 189, 162
RGB Percent	100%, 74%, 64%
CMY	0.0000, 0.2589, 0.3645
CMYK	0.00, 0.26, 0.36, 0.00
HSL	17°, 100%, 82%
HSV	17°, 36%, 100%
XYZ	65.9580, 60.2538, 42.3613
YIQ	205.6560, 48.0030, 5.5950

Conversions

Conversions Part 2

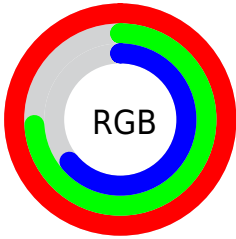
Format	Color
R _Y B	255, 200, 162
Decimal	16760226
CIE Lab	81.98, 20.36, 22.92
CIE LCh	82, 30.656, 48.385
Yxy	60.2538, 0.3913, 0.3574
Android (android.graphics.Color)	4294950306 (0xFFFFBDA2)
YUV	205.6560, -21.5224, 43.2747
Hunter-Lab	77.6233, 15.8340, 21.9800

Details

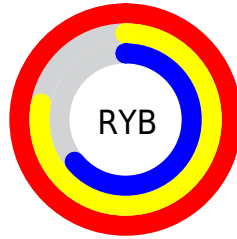
The YIQ color **205.6560, 48.0030, 5.5950** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **211.3440, -48.0030, -5.5950**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.7980, 14.9480, -6.5880**, and **150.3890, 44.3810, 5.1570** is the 20% darker color. If you saturate the color by 10%, you get **192.2400, 60.9780, 7.2340**, and if you desaturate by 10%, it is **219.1860, 34.7070, 4.2670**.

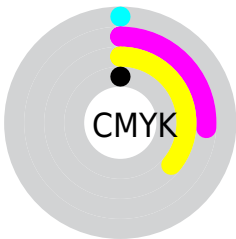
Distribution



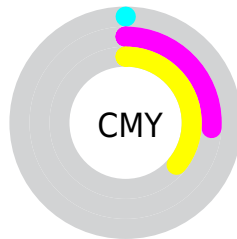
- Red (100%)
- Green (74%)
- Blue (64%)



- 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 205.6560, 48.0030, 5.5950 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 205.6560, 48.0030, 5.5950 by changing the saturation by 10% instead.


 205.6560, 48.0030,
5.5950


 205.6560, 48.0030,
5.5950


255.0000, -0.0000,
-0.0000


 177.8730, 45.8940,
5.2700


 244.7980, 14.9480,
-6.5880


 150.3890, 44.3810,
5.1570

 253.9740, 2.8890,
-2.7990

 124.6060, 42.2720,
4.8320

 98.8230, 40.1630,
4.5070

 74.7410, 37.4580,
3.9700

 51.0720, 35.0280,
3.9560

 28.5170, 32.2770,

4.2530

■ 11.3620, 22.6480,
8.0560

■ 0.0000, 0.0000,
0.0000

■ 205.6560, 48.0030,
5.5950

■ 205.6560, 48.0030,
5.5950

■ 192.2400, 60.9780,
7.2340

■ 219.1860, 34.7070,
4.2670

■ 178.7100, 74.2740,
8.5620

■ 232.6020, 21.7320,
2.6280

■ 165.2940, 87.2490,
10.2010

■ 246.1320, 8.4360,
1.3000

■ 151.7640,
100.5450, 11.5290

■ 255.0000, -0.0000,
-0.0000

■ 137.7610,
113.7950, 13.6910

■ 124.2310,
127.0910, 15.0190

■ 119.6830,
131.6300, 15.3580

Harmonies

Analogous

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



204.9840, 41.6280, 16.5080



205.6560, 48.0030, 5.5950



203.3630, 38.1020, -7.7060

Triad

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



205.6560, 48.0030, 5.5950



192.7850, -36.9040, -25.0320



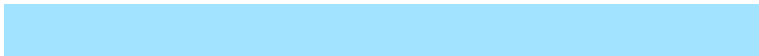
204.1770, -21.8270, 15.6210

Complementary

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



205.6560, 48.0030, 5.5950



211.3440, -48.0030, -5.5950

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.



197.7880, -49.0130, 1.6990



205.6560, 48.0030, 5.5950



189.9150, -60.5170, -21.1010

Square

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



205.6560, 48.0030, 5.5950



197.0410, -8.3860, -24.2420



191.9010, -65.9290, -11.1210



208.4750, 6.8730, 24.1290

Rectangle

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



205.6560, 48.0030, 5.5950



201.9760, 25.7700, -15.4940



191.9010, -65.9290, -11.1210



202.3390, -31.2710, 10.5610

Sweetspot

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



205.6560, 48.0030, 5.5950



240.0680, 14.4880, 1.7520



197.4450, 33.9210, 40.5530



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.



205.6560, 48.0030, 5.5950



195.2720, 57.9520, 7.0080



232.6580, 35.3530, -18.4630



120.6480, 6.9230, 1.1870



89.3940, 98.7110, 11.7270



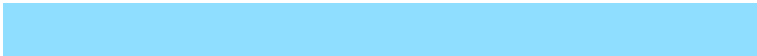
29.7020, 33.1940, 4.1540

Inverse Universe

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



211.3440, -48.0030, -5.5950



202.1410, -57.6770, -6.4850



184.3420, -35.3530, 18.4630



121.7650, -6.6480, -0.6640



101.6060, -98.7110, -11.7270



33.7110, -32.9190, -3.6310

Previews

White Background



This preview shows how the YIQ color 205.6560, 48.0030, 5.5950 looks on a white background.

Color Contrast Check

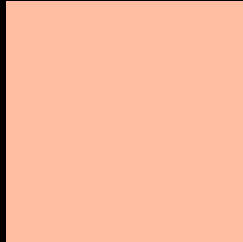
Large Text (above 18pt) WCAG AA × Fail

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 205.6560, 48.0030, 5.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

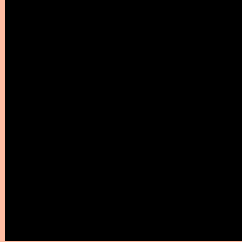
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.6560, 48.0030, 5.5950

Background



This preview shows how black text looks on a background with the YIQ color 205.6560, 48.0030, 5.5950.



This preview shows how white text looks on a background with the YIQ color 205.6560, 48.0030,

5.5950.

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

205.6560, 48.0030, 5.5950

Protanopia

203.5980, 18.3870, -8.3410

Deuteranopia

204.8670, 36.8630, -1.7690



Tritanopia

207.4120, 37.5470, 18.8830

Trichromacy



Original Color

205.6560, 48.0030, 5.5950

Protanomaly

204.5070, 29.0690, -3.6910

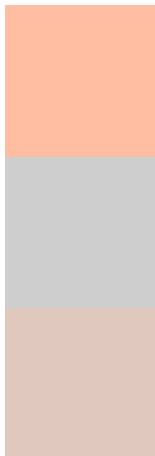
Deuteranomaly

204.9000, 41.2640, 1.0720

Tritanomaly

206.5170, 41.4450, 14.3170

Monochromacy



Original Color

205.6560, 48.0030, 5.5950

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 205.6560, 48.0030, 5.5950 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(255, 189, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 162) }
```

Border

The CSS property to change the border of an element to YIQ 205.6560, 48.0030, 5.5950 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(255, 189, 162) }
```


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

```
.border{ border-color:rgb(255, 189, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 205.6560, 48.0030, 5.5950 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
189, 162) }
```

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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