

Converting Colors

YIQ(202.9450, 45.3910, -2.1370)

Have a look what the booklet for
YIQ(202.9450, 45.3910, -2.1370)
contains.

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Color

**YIQ(202.9450, 45.3910,
-2.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C095
RGB	245, 192, 149
RGB Percent	96%, 75%, 58%
CMY	0.0391, 0.2471, 0.4155
CMYK	0.00, 0.22, 0.39, 0.04
HSL	27°, 83%, 77%
HSV	27°, 39%, 96%
XYZ	61.9389, 59.2781, 36.6339
YIQ	202.9450, 45.3910, -2.1370

Conversions

Conversions Part 2

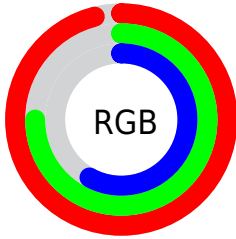
Format	Color
RYB	245, 227, 149
Decimal	16105621
CIELab	81.44, 13.47, 28.90
CIELCh	81, 31.889, 65.012
Yxy	59.2781, 0.3924, 0.3755
Android (android.graphics.Color)	4294295701 (0xFFFF5C095)
YUV	202.9450, -26.5949, 36.8822
Hunter-Lab	76.9923, 8.8635, 25.6837

Details

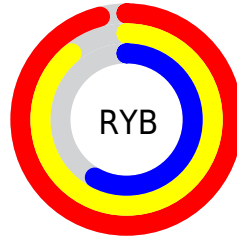
The YIQ color **202.9450, 45.3910, -2.1370** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **191.0550, -45.3910, 2.1370**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.9630, 18.6170, -12.5110**, and **148.6780, 41.7690, -2.5750** is the 20% darker color. If you saturate the color by 10%, you get **191.9910, 56.9450, -2.2790**, and if you desaturate by 10%, it is **214.0130, 33.5160, -1.6840**.

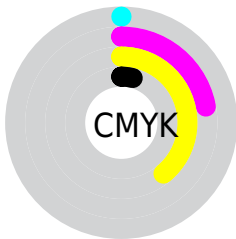
Distribution



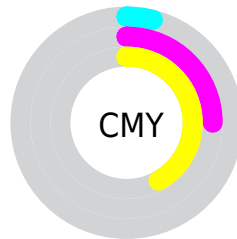
- Red (96%)
- Green (75%)
- Blue (58%)



- Red (96%)
- Yellow (89%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.9450, 45.3910, -2.1370 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 202.9450, 45.3910, -2.1370 by changing the saturation by 10% instead.


 202.9450, 45.3910,
-2.1370


 202.9450, 45.3910,
-2.1370


255.0000, -0.0000,
-0.0000


 175.4610, 43.8780,
-2.2500


 244.9630, 18.6170,
-12.5110


 148.0910, 42.0440,
-2.0520

 252.3780, 7.3830,
-7.1530

 122.3080, 39.9350,
-2.3770

 96.5250, 37.8260,
-2.7020

 72.7420, 35.7170,
-3.0270

 49.4320, 33.6540,
-4.1860

 28.7610, 25.5380,

-0.2700

■ 8.9700, 17.8800,
6.3600

■ 0.0000, 0.0000,
0.0000

■ 202.9450, 45.3910,
-2.1370

■ 202.9450, 45.3910,
-2.1370

■ 191.9910, 56.9450,
-2.2790

■ 214.0130, 33.5160,
-1.6840

■ 181.5100, 68.5450,
-3.2550

■ 224.3800, 22.2370,
-1.0190

■ 170.5560, 80.0990,
-3.3970

■ 235.4480, 10.3620,
-0.5660

■ 160.0750, 91.6990,
-4.3730

■ 245.8150, -0.9170,
0.0990

■ 149.1210,
103.2530, -4.5150

■ 252.0100, -5.9600,
-2.1200

■ 138.6400,
114.8530, -5.4910

■ 137.8250,
115.7700, -5.5900

Harmonies

Analogous

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



203.6330, 46.8100, 10.6980



202.9450, 45.3910, -2.1370



200.3570, 29.0710, -14.7450

Triad

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



202.9450, 45.3910, -2.1370



188.3300, -54.5560, -24.5080



205.5920, -6.6980, 22.2780

Complementary

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



202.9450, 45.3910, -2.1370



191.0550, -45.3910, 2.1370

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.



199.6590, -35.1680, 9.6000



202.9450, 45.3910, -2.1370



187.7600, -70.1460, -17.2980

Square

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



202.9450, 45.3910, -2.1370



192.8910, -25.5790, -26.5310



192.6830, -62.0790, -3.7990



207.2550, 22.2320, 26.6160

Rectangle

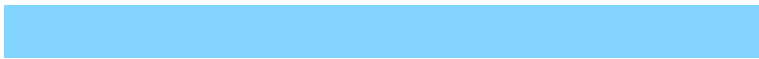
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



202.9450, 45.3910, -2.1370



198.1700, 13.3000, -20.7800



192.6830, -62.0790, -3.7990



203.9220, -16.5550, 19.1970

Sweetspot

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



202.9450, 45.3910, -2.1370



241.4870, 14.6260, -0.7500



183.8600, 39.8820, 37.1460



120.0780, 8.5280, -0.3680



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.



202.9450, 45.3910, -2.1370



202.5780, 56.6700, -2.8020



230.5340, 32.4660, -26.7180



117.1100, 5.5020, -0.5940



104.3350, 88.0310, -3.9770



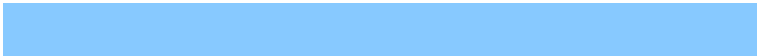
32.9030, 28.0140, -1.0900

Inverse Universe

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



191.0550, -45.3910, 2.1370



187.4220, -56.6700, 2.8020



163.4660, -32.4660, 26.7180



115.4770, -5.7770, 0.0710



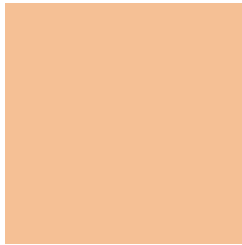
81.6650, -88.0310, 3.9770



25.5100, -27.7390, 1.6130

Previews

White Background



This preview shows how the YIQ color 202.9450, 45.3910, -2.1370 looks on a white background.

Color Contrast Check

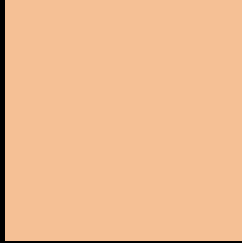
Large Text (above 18pt) WCAG AA × Fail

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 202.9450, 45.3910, -2.1370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

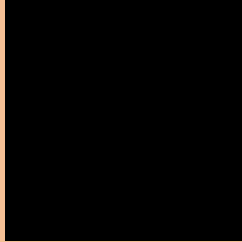
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.9450, 45.3910, -2.1370

Background



This preview shows how black text looks on a background with the YIQ color 202.9450, 45.3910, -2.1370.



This preview shows how white text looks on a background with the YIQ color 202.9450, 45.3910,

-2.1370.

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

202.9450, 45.3910, -2.1370

Protanopia

201.0130, 24.3480, -11.7480

Deuteranopia

202.6240, 41.8610, -4.2430



Tritanopia

206.0310, 34.2460, 18.1340

Trichromacy



Original Color

202.9450, 45.3910, -2.1370

Protanomaly

201.4270, 32.0500, -8.1580

Deuteranomaly

202.6350, 43.3280, -3.2960

Tritanomaly

205.1420, 38.0070, 10.5430

Monochromacy



Original Color

202.9450, 45.3910, -2.1370

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.8570, 16.4600, -0.9480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9450, 45.3910, -2.1370 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, 192, 149)` looks like.

```
.text, #text, p{  
    color:rgb(245, 192, 149)  
}
```

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, 192, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 192, 149) }
```

Border

The CSS property to change the border of an element to YIQ 202.9450, 45.3910, -2.1370 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, 192, 149) }
```


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

```
.border{ border-color:rgb(245, 192, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 192, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 192, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 192, 149);  
box-shadow:4px 4px 4px 4px rgb(245, 192,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9450, 45.3910, -2.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 192, 149) }
```

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

```
.background{ background-color: rgb(245,  
192, 149) }
```

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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