

Converting Colors

YIQ(209.6520, 44.6580, -5.3740)

Have a look what the booklet for
YIQ(209.6520, 44.6580, -5.3740)
contains.

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Color

**YIQ(209.6520, 44.6580,
-5.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C997
RGB	249, 201, 151
RGB Percent	98%, 79%, 59%
CMY	0.0234, 0.2118, 0.4076
CMYK	0.00, 0.19, 0.39, 0.02
HSL	31°, 89%, 78%
HSV	31°, 39%, 98%
XYZ	65.5468, 64.1436, 38.2279
YIQ	209.6520, 44.6580, -5.3740

Conversions

Conversions Part 2

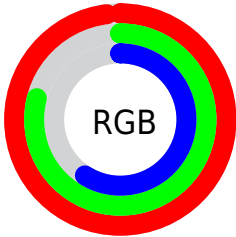
Format	Color
R_{YB}	245, 249, 151
Decimal	16370071
CIE _{Lab}	84.04, 10.54, 31.39
CIE _{LCh}	84, 33.113, 71.442
Yxy	64.1436, 0.3903, 0.3820
Android (android.graphics.Color)	4294560151 (0xFFFF9C997)
YUV	209.6520, -28.9154, 34.5082
Hunter-Lab	80.0897, 5.9305, 27.7629

Details

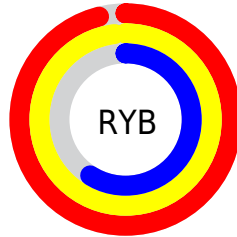
The YIQ color $209.6520, 44.6580, -5.3740$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $190.3480, -44.6580, 5.3740$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, 15.7290, -15.2390$, and $154.7980, 41.3110, -5.2890$ is the 20% darker color. If you saturate the color by 10%, you get $199.7580, 55.9830, -6.8730$, and if you desaturate by 10%, it is $219.5460, 33.3330, -3.8750$.

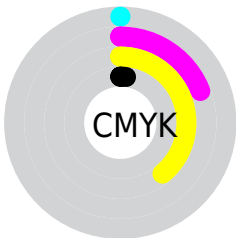
Distribution



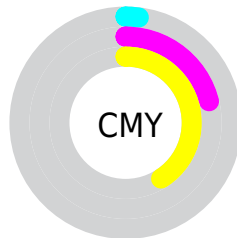
- Red (98%)
- Green (79%)
- Blue (59%)



- Red (96%)
- Yellow (98%)
- Blue (59%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.6520, 44.6580, -5.3740 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 209.6520, 44.6580, -5.3740 by changing the saturation by 10% instead.


 209.6520, 44.6580,
-5.3740


 209.6520, 44.6580,
-5.3740


255.0000, -0.0000,
-0.0000


 182.1680, 43.1450,
-5.4870


 249.4140, 15.7290,
-15.2390


 154.7980, 41.3110,
-5.2890

 252.6060, 6.7410,
-6.5310

 128.3140, 39.7980,
-5.4020

 103.2320, 37.0930,
-5.9390

 78.4490, 34.9840,
-6.2640

 54.4380, 33.5170,
-7.2110

 34.0660, 25.9970,

-3.0830

■ 13.3890, 18.0180,
3.8580

■ 0.0000, 0.0000,
0.0000

■ 209.6520, 44.6580,
-5.3740

■ 209.6520, 44.6580,
-5.3740

■ 199.7580, 55.9830,
-6.8730

■ 219.5460, 33.3330,
-3.8750

■ 189.8640, 67.3080,
-8.3720

■ 229.4400, 22.0080,
-2.3760

■ 179.3830, 78.9080,
-9.3480

■ 239.9210, 10.4080,
-1.4000

■ 169.4890, 90.2330,
-10.8470

■ 249.8150, -0.9170,
0.0990

159.7090,
101.2370, -12.0350

253.2060, -3.5760,
-1.2720

149.8150,
112.5620, -13.5340

149.0000,
113.4790, -13.6330

Harmonies

Analogous

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



207.7420, 44.8850, 7.0370



209.6520, 44.6580, -5.3740



206.5090, 25.5870, -17.6850

Triad

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



209.6520, 44.6580, -5.3740



194.3230, -61.8460, -24.5500



213.1800, 0.4540, 24.8220

Complementary

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



209.6520, 44.6580, -5.3740



190.3480, -44.6580, 5.3740

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.



207.0790, -27.6030, 10.1650



209.6520, 44.6580, -5.3740



194.6610, -74.1810, -15.7570

Square

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



209.6520, 44.6580, -5.3740



198.1720, -33.7400, -27.3080



199.7930, -56.5770, -4.3930



213.4080, 26.1750, 26.7430

Rectangle

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



209.6520, 44.6580, -5.3740



204.6530, 7.3860, -23.7340



199.7930, -56.5770, -4.3930



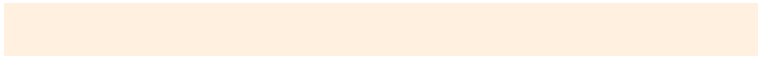
211.6410, -8.3940, 19.9740

Sweetspot

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



209.6520, 44.6580, -5.3740



242.6610, 14.0760, -1.7960



185.8880, 42.6790, 36.0150



120.6650, 8.2530, -0.8910



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.



209.6520, 44.6580, -5.3740



206.6870, 54.7450, -6.4630



237.8280, 31.4580, -30.4780



119.9960, 5.8230, -0.9050



112.8630, 86.2440, -10.1400



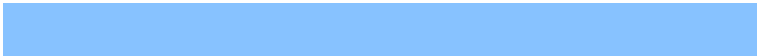
36.4360, 27.8310, -3.2810

Inverse Universe

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



190.3480, -44.6580, 5.3740



183.3130, -54.7450, 6.4630



162.1720, -31.4580, 30.4780



117.5910, -6.0980, 0.3820



76.1370, -86.2440, 10.1400



24.5640, -27.8310, 3.2810

Previews

White Background



This preview shows how the YIQ color 209.6520, 44.6580, -5.3740 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 209.6520, 44.6580, -5.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

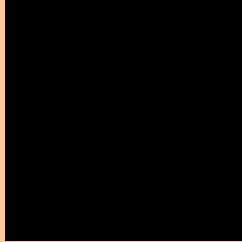
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.6520, 44.6580, -5.3740

Background



This preview shows how black text looks on a background with the YIQ color 209.6520, 44.6580, -5.3740.



This preview shows how white text looks on a background with the YIQ color 209.6520, 44.6580, -5.3740.

-5.3740.

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

209.6520, 44.6580, -5.3740

Protanopia

208.2150, 26.5950, -13.9250

Deuteranopia

209.6520, 44.6580, -5.3740



Tritanopia

213.2480, 32.1370, 17.8090

Trichromacy



Original Color

209.6520, 44.6580, -5.3740

Protanomaly

209.0310, 33.1050, -10.7590

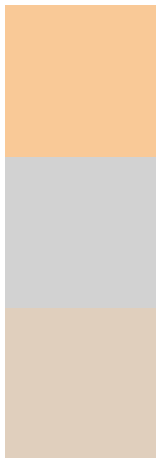
Deuteranomaly

209.6520, 44.6580, -5.3740

Tritanomaly

212.0170, 36.8610, 9.2850

Monochromacy



Original Color

209.6520, 44.6580, -5.3740

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0310, 15.9100, -1.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.6520, 44.6580, -5.3740 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(249, 201, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 201, 151)  
}
```

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(249, 201, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 201, 151) }
```

Border

The CSS property to change the border of an element to YIQ 209.6520, 44.6580, -5.3740 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(249, 201, 151) }
```


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

```
.border{ border-color:rgb(249, 201, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 201, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 201, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 201, 151); box-shadow:4px 4px 4px 4px rgb(249, 201, 151) }
```

Background

The CSS property to change the background color of an element to YIQ 209.6520, 44.6580, -5.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 201, 151) }
```

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

```
.background{ background-color: rgb(249,  
201, 151) }
```

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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