

Converting Colors

YIQ(209.2520, 34.3410, -0.1150)

Have a look what the booklet for
YIQ(209.2520, 34.3410, -0.1150)
contains.

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Color

**YIQ(209.2520, 34.3410,
-0.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C8AB
RGB	242, 200, 171
RGB Percent	95%, 78%, 67%
CMY	0.0509, 0.2157, 0.3292
CMYK	0.00, 0.17, 0.29, 0.05
HSL	24°, 73%, 81%
HSV	24°, 29%, 95%
XYZ	64.6298, 63.1231, 47.3259
YIQ	209.2520, 34.3410, -0.1150

Conversions

Conversions Part 2

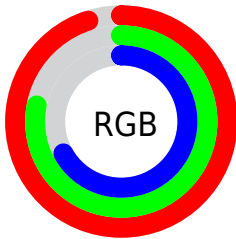
Format	Color
R _Y B	242, 220, 171
Decimal	15911083
CIE Lab	83.51, 10.77, 20.07
CIE LCh	84, 22.772, 61.779
Yxy	63.1231, 0.3691, 0.3605
Android (android.graphics.Color)	4294101163 (0xFF F2 C8 AB)
YUV	209.2520, -18.8582, 28.7200
Hunter-Lab	79.4500, 6.1659, 20.2978

Details

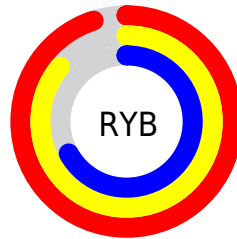
The YIQ color $209.2520, 34.3410, -0.1150$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $203.7480, -34.3410, 0.1150$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.6940, 9.3090, -9.0190$, and $154.5830, 31.9110, -0.1290$ is the 20% darker color. If you saturate the color by 10%, you get $198.2980, 45.8950, -0.2570$, and if you desaturate by 10%, it is $220.2060, 22.7870, 0.0270$.

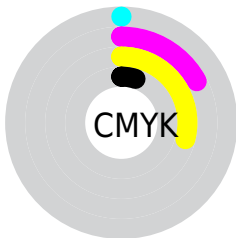
Distribution



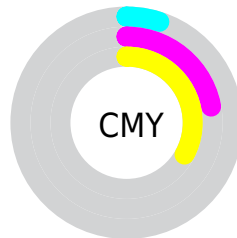
- Red (95%)
- Green (78%)
- Blue (67%)



- Red (95%)
- Yellow (86%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2520, 34.3410, -0.1150 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 209.2520, 34.3410, -0.1150 by changing the saturation by 10% instead.


 209.2520, 34.3410,
-0.1150


 209.2520, 34.3410,
-0.1150


255.0000, -0.0000,
-0.0000


 181.6540, 33.1490,
-0.5390


 251.6940, 9.3090,
-9.0190

 154.5830, 31.9110,
-0.1290

 128.0990, 30.3980,
-0.2420

 103.2020, 28.6100,
-0.8780

 78.7180, 27.0970,
-0.9910

 55.3480, 25.2630,
-0.7930

 32.8810, 25.0800,

-2.9840

■ 11.9160, 17.9720,
4.6920

■ 0.0000, 0.0000,
0.0000

■ 209.2520, 34.3410,
-0.1150

■ 209.2520, 34.3410,
-0.1150

■ 198.2980, 45.8950,
-0.2570

■ 220.2060, 22.7870,
0.0270

■ 186.7570, 57.7240,
0.1240

■ 231.7470, 10.9580,
-0.3540

■ 175.6890, 69.5990,
-0.3290

■ 242.8150, -0.9170,
0.0990

■ 164.7350, 81.1530,
-0.4710

■ 251.1130, -7.7480,
-2.7560

■ 153.1940, 92.9820,
-0.0900

■ 142.2400,
104.5360, -0.2320

■ 131.2860,
116.0900, -0.3740

■ 130.4710,
117.0070, -0.4730

Harmonies

Analogous

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



211.0170, 36.8610, 9.2850



209.2520, 34.3410, -0.1150



206.9960, 23.0180, -9.6700

Triad

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



209.2520, 34.3410, -0.1150



199.6100, -34.6130, -16.9890



210.3760, -6.3300, 15.6060

Complementary

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



209.2520, 34.3410, -0.1150



203.7480, -34.3410, 0.1150

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.



207.1990, -28.0610, 7.4510



209.2520, 34.3410, -0.1150



199.9110, -45.5260, -11.9420

Square

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



209.2520, 34.3410, -0.1150



201.9080, -15.0810, -18.5450



202.5620, -42.6850, -2.8530



212.0210, 13.8430, 18.9550

Rectangle

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



209.2520, 34.3410, -0.1150



205.7880, 11.7400, -14.5320



202.5620, -42.6850, -2.8530



209.6030, -14.3990, 13.1610

Sweetspot

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



209.2520, 34.3410, -0.1150



244.1600, 11.2330, 0.1690



197.1310, 28.5130, 28.4250



121.0070, 7.2900, 0.0420



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.



209.2520, 34.3410, -0.1150



213.7430, 43.1440, 0.0400



229.7970, 24.7160, -18.4200



114.5230, 5.7770, -0.0710



99.0410, 89.0390, -0.2170



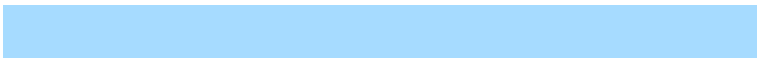
30.2450, 27.0510, -0.1570

Inverse Universe

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



203.7480, -34.3410, 0.1150



207.2570, -43.1440, -0.0400



183.2030, -24.7160, 18.4200



113.4770, -5.7770, 0.0710



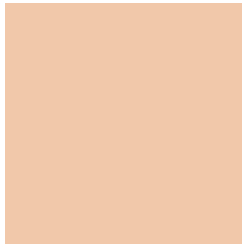
84.9590, -89.0390, 0.2170



25.7550, -27.0510, 0.1570

Previews

White Background



This preview shows how the YIQ color 209.2520, 34.3410, -0.1150 looks on a white background.

Color Contrast Check

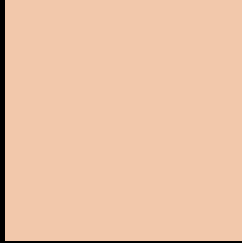
Large Text (above 18pt) WCAG AA × Fail

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 209.2520, 34.3410, -0.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

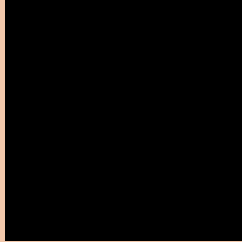
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.2520, 34.3410, -0.1150

Background



This preview shows how black text looks on a background with the YIQ color 209.2520, 34.3410, -0.1150.



This preview shows how white text looks on a background with the YIQ color 209.2520, 34.3410, -0.1150.

-0.1150.

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

209.2520, 34.3410, -0.1150

Protanopia

207.8260, 17.7450, -7.7190

Deuteranopia

208.9530, 33.7450, -0.3270



Tritanopia

211.9590, 25.5810, 15.4770

Trichromacy



Original Color

209.2520, 34.3410, -0.1150

Protanomaly

208.3430, 23.6590, -4.7650

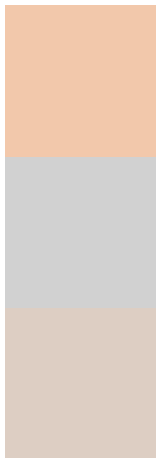
Deuteranomaly

208.9530, 33.7450, -0.3270

Tritanomaly

211.2380, 28.9290, 9.8650

Monochromacy



Original Color

209.2520, 34.3410, -0.1150

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.2310, 12.4710, -0.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2520, 34.3410, -0.1150 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(242, 200, 171)` looks like.

```
.text, #text, p{  
    color:rgb(242, 200, 171)  
}
```

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(242, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 200, 171) }
```

Border

The CSS property to change the border of an element to YIQ 209.2520, 34.3410, -0.1150 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(242, 200, 171) }
```


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

```
.border{ border-color:rgb(242, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(242, 200,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2520, 34.3410, -0.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 200, 171) }
```

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

```
.background{ background-color: rgb(242,  
200, 171) }
```

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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