

Converting Colors

YIQ(204.1340, 40.4850, -1.3310)

Have a look what the booklet for
YIQ(204.1340, 40.4850, -1.3310)
contains.

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Color

**YIQ(204.1340, 40.4850,
-1.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C29D
RGB	242, 194, 157
RGB Percent	95%, 76%, 62%
CMY	0.0509, 0.2393, 0.3841
CMYK	0.00, 0.20, 0.35, 0.05
HSL	26°, 77%, 78%
HSV	26°, 35%, 95%
XYZ	62.0031, 59.8919, 40.2123
YIQ	204.1340, 40.4850, -1.3310

Conversions

Conversions Part 2

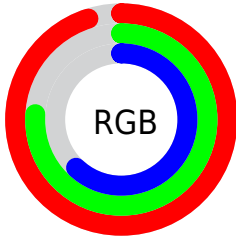
Format	Color
R _Y B	242, 223, 157
Decimal	15909533
CIE Lab	81.78, 12.18, 25.09
CIE LCh	82, 27.891, 64.115
Yxy	59.8919, 0.3825, 0.3695
Android (android.graphics.Color)	4294099613 (0xFFFF2C29D)
YUV	204.1340, -23.2371, 33.2085
Hunter-Lab	77.3898, 7.5783, 23.3654

Details

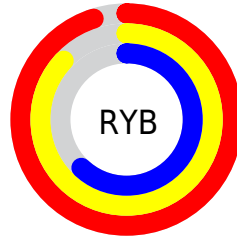
The YIQ color **204.1340, 40.4850, -1.3310** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **194.8660, -40.4850, 1.3310**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.7500, 14.9030, -11.2810**, and **149.1660, 37.4590, -1.5570** is the 20% darker color. If you saturate the color by 10%, you get **193.1800, 52.0390, -1.4730**, and if you desaturate by 10%, it is **215.0880, 28.9310, -1.1890**.

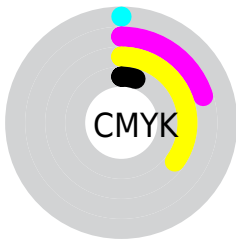
Distribution



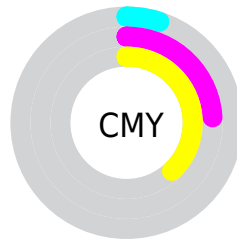
- Red (95%)
- Green (76%)
- Blue (62%)



- Red (95%)
- Yellow (87%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.1340, 40.4850, -1.3310 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 204.1340, 40.4850, -1.3310 by changing the saturation by 10% instead.


 204.1340, 40.4850,
-1.3310


 204.1340, 40.4850,
-1.3310


255.0000, -0.0000,
-0.0000


 176.6500, 38.9720,
-1.4440


 247.1630, 15.1780,
-10.7580


 149.1660, 37.4590,
-1.5570

 253.2900, 4.8150,
-4.6650

 123.6820, 35.9460,
-1.6700

 98.0130, 33.5160,
-1.6840

 74.1160, 31.7280,
-2.3200

 50.4470, 29.2980,
-2.3340

 29.9350, 24.9880,

-1.3160

■ 8.9700, 17.8800,
6.3600

■ 0.0000, 0.0000,
0.0000

■ 204.1340, 40.4850,
-1.3310

■ 204.1340, 40.4850,
-1.3310

■ 193.1800, 52.0390,
-1.4730

■ 215.0880, 28.9310,
-1.1890

■ 182.8130, 63.3180,
-2.1380

■ 225.4550, 17.6520,
-0.5240

■ 171.7450, 75.1930,
-2.5910

■ 236.5230, 5.7770,
-0.0710

■ 160.7910, 86.7470,
-2.7330

■ 247.4770, -5.7770,
0.0710

■ 150.4240, 98.0260,
-3.3980

■ 251.1130, -7.7480,
-2.7560

■ 139.4700,
109.5800, -3.5400

■ 133.9930,
115.3570, -3.6110

Harmonies

Analogous

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



205.9640, 44.3800, 10.6840



204.1340, 40.4850, -1.3310



201.8560, 26.2280, -12.7800

Triad

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



204.1340, 40.4850, -1.3310



192.1140, -45.0200, -21.1160



206.0110, -6.5600, 19.7760

Complementary

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



204.1340, 40.4850, -1.3310



194.8660, -40.4850, 1.3310

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.



201.4420, -33.0590, 9.9250



204.1340, 40.4850, -1.3310



191.8000, -58.4550, -14.4150

Square

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



204.1340, 40.4850, -1.3310



195.4510, -21.2240, -22.8560



195.7010, -53.3220, -2.8100



207.9940, 18.4730, 23.1530

Rectangle

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



204.1340, 40.4850, -1.3310



199.5660, 12.2450, -18.1790



195.7010, -53.3220, -2.8100



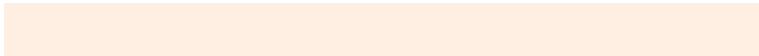
204.9390, -15.2250, 17.1190

Sweetspot

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



204.1340, 40.4850, -1.3310



242.4160, 13.3880, -0.3400



187.8870, 35.2520, 32.9480



120.1920, 8.2070, -0.0570



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

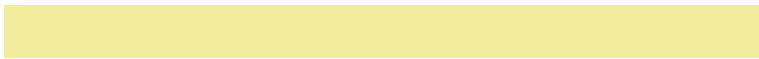
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.1340, 40.4850, -1.3310



206.9950, 51.1220, -1.3740



228.7880, 28.9350, -23.2970



114.5230, 5.7770, -0.0710



101.9760, 87.6640, -2.8320



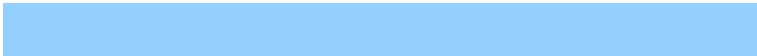
30.8320, 26.7760, -0.6800

Inverse Universe

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



194.8660, -40.4850, 1.3310



195.4180, -50.8470, 1.8970



170.2120, -28.9350, 23.2970



113.4770, -5.7770, 0.0710



82.0240, -87.6640, 2.8320



25.1680, -26.7760, 0.6800

Previews

White Background



This preview shows how the YIQ color 204.1340, 40.4850, -1.3310 looks on a white background.

Color Contrast Check

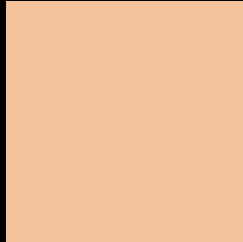
Large Text (above 18pt) WCAG AA × Fail

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 204.1340, 40.4850, -1.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

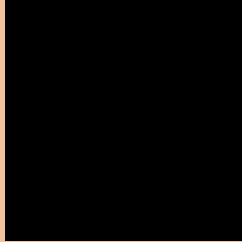
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.1340, 40.4850, -1.3310

Background



This preview shows how black text looks on a background with the YIQ color 204.1340, 40.4850, -1.3310.



This preview shows how white text looks on a background with the YIQ color 204.1340, 40.4850,

-1.3310.

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

204.1340, 40.4850, -1.3310

Protanopia

202.0990, 21.2300, -10.3060

Deuteranopia

203.8240, 38.4220, -2.4900



Tritanopia

207.2370, 30.6700, 16.8620

Trichromacy



Original Color

204.1340, 40.4850, -1.3310

Protanomaly

202.9150, 27.7400, -7.1400

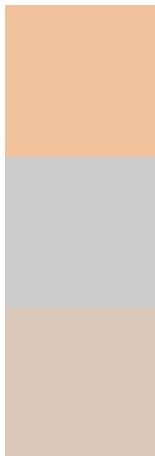
Deuteranomaly

204.1230, 39.0180, -2.2780

Tritanomaly

205.9890, 34.0640, 10.4160

Monochromacy



Original Color

204.1340, 40.4850, -1.3310

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.9000, 14.9010, -0.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.1340, 40.4850, -1.3310 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, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(242, 194, 157)  
}
```

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, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 194, 157) }
```

Border

The CSS property to change the border of an element to YIQ 204.1340, 40.4850, -1.3310 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, 194, 157) }
```


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

```
.border{ border-color:rgb(242, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(242, 194,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 204.1340, 40.4850, -1.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 194, 157) }
```

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

```
.background{ background-color: rgb(242,  
194, 157) }
```

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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