

Converting Colors

YIQ(203.9600, 41.0350, -0.2850)

Have a look what the booklet for
YIQ(203.9600, 41.0350, -0.2850)
contains.

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Color

**YIQ(203.9600, 41.0350,
-0.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C19E
RGB	243, 193, 158
RGB Percent	95%, 76%, 62%
CMY	0.0470, 0.2432, 0.3802
CMYK	0.00, 0.21, 0.35, 0.05
HSL	25°, 78%, 79%
HSV	25°, 35%, 95%
XYZ	62.2117, 59.6600, 40.6062
YIQ	203.9600, 41.0350, -0.2850

Conversions

Conversions Part 2

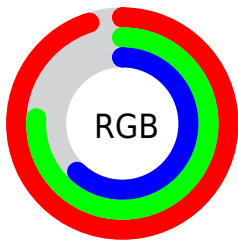
Format	Color
R_{YB}	243, 218, 158
Decimal	15974814
CIE _{Lab}	81.65, 13.21, 24.41
CIE _{LCh}	82, 27.752, 61.583
Yxy	59.6600, 0.3829, 0.3672
Android (android.graphics.Color)	4294164894 (0xFFFF3C19E)
YUV	203.9600, -22.6583, 34.2381
Hunter-Lab	77.2399, 8.6004, 22.8982

Details

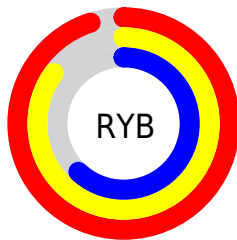
The YIQ color $203.9600, 41.0350, -0.2850$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $197.0400, -41.0350, 0.2850$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.6900, 15.1320, -9.9240$, and $148.9920, 38.0090, -0.5110$ is the 20% darker color. If you saturate the color by 10%, you get $193.0060, 52.5890, -0.4270$, and if you desaturate by 10%, it is $214.9140, 29.4810, -0.1430$.

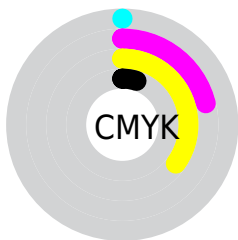
Distribution



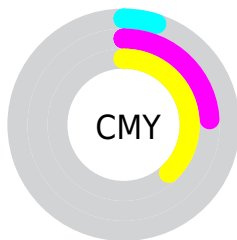
- Red (95%)
- Green (76%)
- Blue (62%)



- Red (95%)
- Yellow (85%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (35%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.9600, 41.0350, -0.2850 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 203.9600, 41.0350, -0.2850 by changing the saturation by 10% instead.


 203.9600, 41.0350,
-0.2850


 203.9600, 41.0350,
-0.2850


255.0000, -0.0000,
-0.0000


 176.4760, 39.5220,
-0.3980


 246.6900, 15.1320,
-9.9240


 148.9920, 38.0090,
-0.5110

 253.4040, 4.4940,
-4.3540

 123.5080, 36.4960,
-0.6240

 97.8390, 34.0660,
-0.6380

 73.9420, 32.2780,
-1.2740

 50.8600, 29.5730,
-1.8110

 29.6470, 25.8590,

-0.5810

■ 8.9700, 17.8800,
6.3600

■ 0.0000, 0.0000,
0.0000

■ 203.9600, 41.0350,
-0.2850

■ 203.9600, 41.0350,
-0.2850

■ 193.0060, 52.5890,
-0.4270

■ 214.9140, 29.4810,
-0.1430

■ 181.3510, 64.7390,
-0.3570

■ 226.5690, 17.3310,
-0.2130

■ 170.3970, 76.2930,
-0.4990

■ 237.5230, 5.7770,
-0.0710

■ 159.4430, 87.8470,
-0.6410

■ 248.4770, -5.7770,
0.0710

■ 147.9020, 99.6760,
-0.2600

■ 251.4120, -7.1520,
-2.5440

■ 136.8340,
111.5510, -0.7130

■ 131.3570,
117.3280, -0.7840

Harmonies

Analogous

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



205.6050, 44.0130, 11.8290



203.9600, 41.0350, -0.2850



201.8670, 27.6950, -11.8330

Triad

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



203.9600, 41.0350, -0.2850



192.3700, -42.8650, -21.6250



205.7010, -8.6230, 18.6170

Complementary

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



203.9600, 41.0350, -0.2850



197.0400, -41.0350, 0.2850

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.



201.0180, -34.8010, 8.4550



203.9600, 41.0350, -0.2850



191.4580, -57.4920, -15.3480

Square

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



203.9600, 41.0350, -0.2850



195.1200, -18.7940, -22.8420



194.8750, -53.8720, -3.8560



207.5100, 16.9600, 23.0400

Rectangle

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



203.9600, 41.0350, -0.2850



199.4630, 14.0330, -17.5430



194.8750, -53.8720, -3.8560



204.3300, -17.8840, 15.7480

Sweetspot

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



203.9600, 41.0350, -0.2850



243.3450, 12.1500, 0.0700



189.2290, 34.2890, 33.8810



120.3060, 7.8860, 0.2540



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.



203.9600, 41.0350, -0.2850



205.8210, 51.6720, -0.3280



228.6140, 29.4850, -22.2510



116.5230, 5.7770, -0.0710



100.8130, 89.6810, -0.8390



31.7290, 28.5640, -0.0440

Inverse Universe

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



197.0400, -41.0350, 0.2850



197.1790, -51.6720, 0.3280



172.9730, -29.7600, 21.7280



115.4770, -5.7770, 0.0710



85.7740, -89.9560, 0.3160



27.2710, -28.5640, 0.0440

Previews

White Background



This preview shows how the YIQ color 203.9600, 41.0350, -0.2850 looks on a white background.

Color Contrast Check

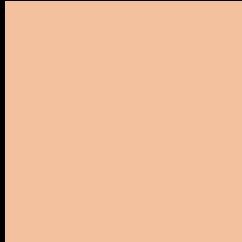
Large Text (above 18pt) WCAG AA × Fail

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 203.9600, 41.0350, -0.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

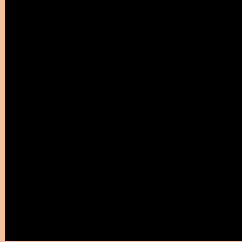
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.9600, 41.0350, -0.2850

Background



This preview shows how black text looks on a background with the YIQ color 203.9600, 41.0350, -0.2850.



This preview shows how white text looks on a background with the YIQ color 203.9600, 41.0350,

-0.2850.

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

203.9600, 41.0350, -0.2850

Protanopia

202.3270, 20.5880, -9.6840

Deuteranopia

203.6390, 37.5050, -2.3910



Tritanopia

206.8350, 31.8620, 17.2860

Trichromacy



Original Color

203.9600, 41.0350, -0.2850

Protanomaly

202.7410, 28.2900, -6.0940

Deuteranomaly

203.6500, 38.9720, -1.4440

Tritanomaly

205.5870, 35.2560, 10.8400

Monochromacy



Original Color

203.9600, 41.0350, -0.2850

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 203.9600, 41.0350, -0.2850 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(243, 193, 158)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 158)  
}
```

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(243, 193, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 158) }
```

Border

The CSS property to change the border of an element to YIQ 203.9600, 41.0350, -0.2850 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(243, 193, 158) }
```


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

```
.border{ border-color:rgb(243, 193, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 193, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 193, 158);  
box-shadow:4px 4px 4px 4px rgb(243, 193,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 203.9600, 41.0350, -0.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 158) }
```

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

```
.background{ background-color: rgb(243,  
193, 158) }
```

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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