

Converting Colors

YIQ(200.5830, 41.0790, 9.9350)

Have a look what the booklet for
YIQ(200.5830, 41.0790, 9.9350)
contains.

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Color

**YIQ(200.5830, 41.0790,
9.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B7AC
RGB	246, 183, 172
RGB Percent	96%, 72%, 67%
CMY	0.0352, 0.2824, 0.3253
CMYK	0.00, 0.26, 0.30, 0.04
HSL	9°, 80%, 82%
HSV	9°, 30%, 96%
XYZ	62.3975, 56.4357, 46.6562
YIQ	200.5830, 41.0790, 9.9350

Conversions

Conversions Part 2

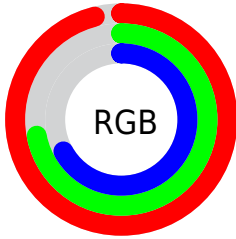
Format	Color
R _Y B	246, 185, 172
Decimal	16168876
CIE Lab	79.86, 21.36, 14.50
CIE LCh	80, 25.816, 34.162
Yxy	56.4357, 0.3770, 0.3410
Android (android.graphics.Color)	4294358956 (0xFFF6B7AC)
YUV	200.5830, -14.0914, 39.8307
Hunter-Lab	75.1237, 16.7949, 15.7640

Details

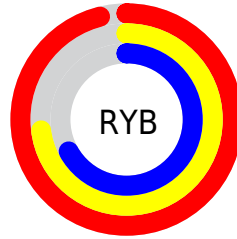
The YIQ color $200.5830, 41.0790, 9.9350$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.4170, -41.0790, -9.9350$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4160, 13.3880, -0.3400$, and $146.2020, 37.7780, 9.1860$ is the 20% darker color. If you saturate the color by 10%, you get $185.4060, 54.8790, 13.1430$, and if you desaturate by 10%, it is $215.7600, 27.2790, 6.7270$.

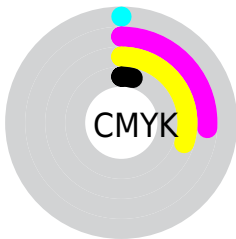
Distribution



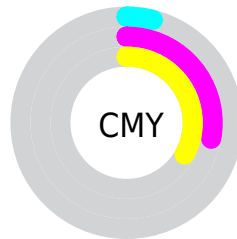
- Red (96%)
- Green (72%)
- Blue (67%)



- Red (96%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.5830, 41.0790, 9.9350 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 200.5830, 41.0790, 9.9350 by changing the saturation by 10% instead.


 200.5830, 41.0790,
9.9350


 200.5830, 41.0790,
9.9350


255.0000, -0.0000,
-0.0000


 172.9850, 39.8870,
9.5110


 242.4160, 13.3880,
-0.3400

 146.2020, 37.7780,
9.1860

 119.7180, 36.2650,
9.0730

 94.8210, 34.4770,
8.4370

 70.4510, 32.6430,
8.6350

 47.3690, 29.9380,
8.0980

 24.0160, 29.4340,

6.2180

■ 10.5790, 20.5390,
7.7310

■ 0.0000, 0.0000,
0.0000

■ 200.5830, 41.0790,
9.9350

■ 200.5830, 41.0790,
9.9350

■ 185.4060, 54.8790,
13.1430

■ 215.7600, 27.2790,
6.7270

■ 170.3430, 68.3580,
16.6620

■ 230.8230, 13.8000,
3.2080

■ 155.1660, 82.1580,
19.8700

■ 246.0000, -0.0000,
-0.0000

■ 140.1030, 95.6370,
23.3890

■ 252.3090, -5.3640,
-1.9080

■ 124.9260,
109.4370, 26.5970

■ 109.7490,
123.2370, 29.8050

■ 94.6860, 136.7160,
33.3240

Harmonies

Analogous

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



202.0310, 34.2460, 18.1340



200.5830, 41.0790, 9.9350



198.5790, 37.7340, -1.0340

Triad

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



200.5830, 41.0790, 9.9350



190.8750, -19.4820, -21.3860



196.8830, -29.9870, 9.3170

Complementary

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



200.5830, 41.0790, 9.9350



217.4170, -41.0790, -9.9350

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.



191.4520, -48.1870, -2.2590



200.5830, 41.0790, 9.9350



188.3210, -41.1690, -19.3210

Square

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



200.5830, 41.0790, 9.9350



193.9610, 3.7630, -18.6450



187.9640, -53.0450, -13.3410



200.8430, -6.1470, 17.7970

Rectangle

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



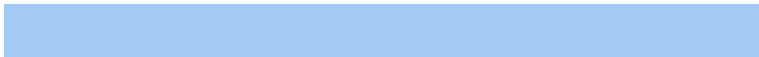
200.5830, 41.0790, 9.9350



197.6440, 29.9410, -8.4830



187.9640, -53.0450, -13.3410



195.2410, -37.0470, 5.1050

Sweetspot

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



200.5830, 41.0790, 9.9350



240.6380, 12.8830, 3.3070



201.4220, 23.5600, 35.5920



119.2460, 8.1150, 1.6110



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.



200.5830, 41.0790, 9.9350



198.7260, 50.9820, 12.1820



221.7150, 31.1790, -8.8930



114.7620, 6.6020, 1.4980



72.0500, 103.1560, 24.7880



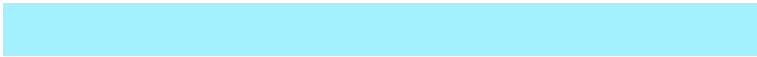
22.9240, 32.6890, 7.8010

Inverse Universe

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



217.4170, -41.0790, -9.9350



219.2740, -50.9820, -12.1820



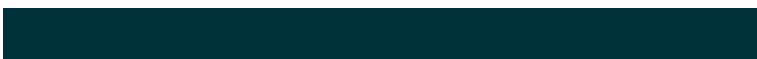
196.2850, -31.1790, 8.8930



117.8250, -6.8770, -2.0210



114.5370, -103.4310, -25.3110



36.0760, -32.6890, -7.8010

Previews

White Background



This preview shows how the YIQ color 200.5830, 41.0790, 9.9350 looks on a white background.

Color Contrast Check

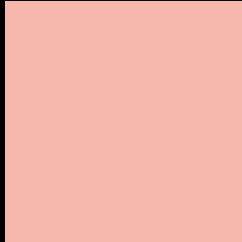
Large Text (above 18pt) WCAG AA × Fail

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 200.5830, 41.0790, 9.9350 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 200.5830, 41.0790, 9.9350

Background



This preview shows how black text looks on a background with the YIQ color 200.5830, 41.0790, 9.9350.



This preview shows how white text looks on a background with the YIQ color 200.5830, 41.0790,

9.9350.

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

200.5830, 41.0790, 9.9350

Protanopia

198.3400, 10.5460, -3.9020

Deuteranopia

199.4840, 27.8760, 1.4120



Tritanopia

201.9280, 36.0340, 18.7700

Trichromacy



Original Color

200.5830, 41.0790, 9.9350

Protanomaly

199.5480, 21.8240, 0.9600

Deuteranomaly

199.8160, 32.8730, 4.4650

Tritanomaly

201.3040, 37.7310, 15.5470

Monochromacy



Original Color

200.5830, 41.0790, 9.9350

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.4210, 14.9920, 3.6320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.5830, 41.0790, 9.9350 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(246, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(246, 183, 172)  
}
```

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(246, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 183, 172) }
```

Border

The CSS property to change the border of an element to YIQ 200.5830, 41.0790, 9.9350 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(246, 183, 172) }
```


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

```
.border{ border-color:rgb(246, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(246, 183,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 200.5830, 41.0790, 9.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 183, 172) }
```

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

```
.background{ background-color: rgb(246,  
183, 172) }
```

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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