

Converting Colors

YIQ(206.9400, 35.7600, 12.7200)

Have a look what the booklet for
YIQ(206.9400, 35.7600, 12.7200)
contains.

YIQ(206.9400, 35.7600, 12.7200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(206.9400, 35.7600,
12.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BDBD
RGB	249, 189, 189
RGB Percent	98%, 74%, 74%
CMY	0.0234, 0.2589, 0.2587
CMYK	0.00, 0.24, 0.24, 0.02
HSL	360°, 83%, 86%
HSV	360°, 24%, 98%
XYZ	66.4613, 60.2065, 56.2828
YIQ	206.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

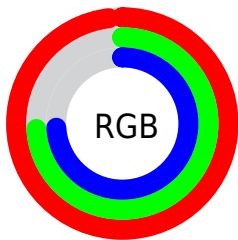
Format	Color
R _Y B	249, 189, 189
Decimal	16367037
CIE Lab	81.95, 21.59, 8.37
CIE LCh	82, 23.159, 21.187
Yxy	60.2065, 0.3633, 0.3291
Android (android.graphics.Color)	4294557117 (0xFFF9BDBD)
YUV	206.9400, -8.8444, 36.8866
Hunter-Lab	77.5928, 17.1048, 11.3083

Details

The YIQ color **206.9400, 35.7600, 12.7200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **231.0600, -35.7600, -12.7200**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **247.9900, 5.9600, 2.1200**, and **152.1570, 33.6510, 12.3950** is the 20% darker color. If you saturate the color by 10%, you get **189.4150, 50.6600, 18.0200**, and if you desaturate by 10%, it is **224.4650, 20.8600, 7.4200**.

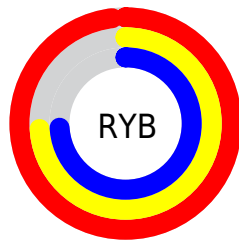
Distribution



Red (98%)

Green (74%)

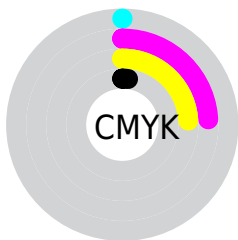
Blue (74%)



Red (98%)

Yellow (74%)

Blue (74%)

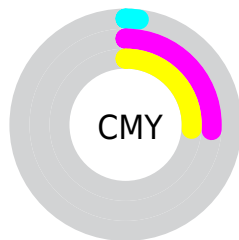


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.9400, 35.7600, 12.7200 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 206.9400, 35.7600, 12.7200 by changing the saturation by 10% instead.


 206.9400, 35.7600,
12.7200


 206.9400, 35.7600,
12.7200


255.0000, -0.0000,
-0.0000


 179.3420, 34.5680,
12.2960


 247.9900, 5.9600,
2.1200

 152.1570, 33.6510,
12.3950

 126.1460, 32.1840,
11.4480

 100.6620, 30.6710,
11.3350

 75.8790, 28.5620,
11.0100

 52.9820, 26.7740,
10.3740

 30.3130, 24.3440,

10.3600

■ 11.6610, 23.2440,
8.2680

■ 0.0000, 0.0000,
0.0000

■ 206.9400, 35.7600,
12.7200

■ 206.9400, 35.7600,
12.7200

■ 189.4150, 50.6600,
18.0200

■ 224.4650, 20.8600,
7.4200

■ 171.8900, 65.5600,
23.3200

■ 241.9900, 5.9600,
2.1200

■ 154.3650, 80.4600,
28.6200

■ 253.2060, -3.5760,
-1.2720

■ 136.9540, 95.0390,
34.2310

■ 119.4290,
109.9390, 39.5310

■ 102.4910,
124.5640, 44.3080

■ 84.9660, 139.4640,
49.6080

■ 74.4510, 148.4040,
52.7880

Harmonies

Analogous

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



207.6540, 25.1220, 18.2900



206.9400, 35.7600, 12.7200



205.4420, 36.8620, 3.7580

Triad

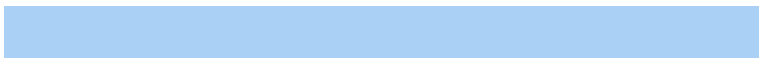
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206.9400, 35.7600, 12.7200



198.6160, -8.3870, -18.7150



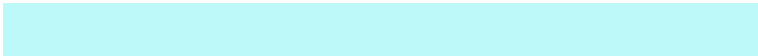
200.9700, -34.8460, 3.7620

Complementary

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



206.9400, 35.7600, 12.7200



231.0600, -35.7600, -12.7200

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.



196.6000, -45.8480, -6.1040



206.9400, 35.7600, 12.7200



196.0790, -28.7440, -18.7280

Square

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



206.9400, 35.7600, 12.7200



201.0870, 12.3360, -14.3200



194.8140, -43.8750, -14.3310



204.7170, -14.7200, 13.4720

Rectangle

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



206.9400, 35.7600, 12.7200



204.4750, 32.0950, -3.4650



194.8140, -43.8750, -14.3310



199.5240, -39.5220, 0.3980

Sweetspot

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



206.9400, 35.7600, 12.7200



242.3820, 10.7280, 3.8160



213.4810, 15.9040, 31.1680



120.2890, 6.5560, 2.3320



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.



206.9400, 35.7600, 12.7200



203.1260, 44.1040, 15.6880



223.9630, 27.7850, -2.4470



115.8870, 7.7480, 2.7560



56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Inverse Universe

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



206.9400, 35.7600, 12.7200



203.1260, 44.1040, 15.6880



214.0370, -27.7850, 2.4470



115.8870, 7.7480, 2.7560



56.5110, 112.6440, 40.0680



18.2390, 36.3560, 12.9320

Previews

White Background



This preview shows how the YIQ color 206.9400, 35.7600, 12.7200 looks on a white background.

Color Contrast Check

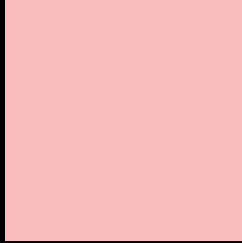
Large Text (above 18pt) WCAG AA × Fail

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 206.9400, 35.7600, 12.7200 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 206.9400, 35.7600, 12.7200

Background



This preview shows how black text looks on a background with the YIQ color 206.9400, 35.7600, 12.7200.



This preview shows how white text looks on a background with the YIQ color 206.9400, 35.7600,

12.7200.

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

206.9400, 35.7600, 12.7200

Protanopia

204.1100, 5.5020, -0.5940

Deuteranopia

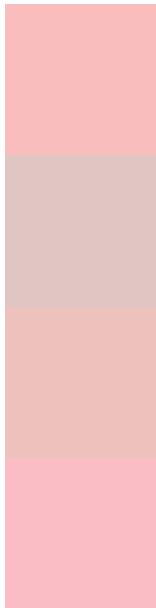
205.8410, 22.5570, 4.1970



Tritanopia

207.4330, 33.0540, 17.7100

Trichromacy



Original Color

206.9400, 35.7600, 12.7200

Protanomaly

205.3180, 16.7800, 4.2680

Deuteranomaly

206.1730, 27.5540, 7.2500

Tritanomaly

207.5640, 34.0630, 15.9430

Monochromacy



Original Color

206.9400, 35.7600, 12.7200

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.5780, 13.1120, 4.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.9400, 35.7600, 12.7200 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, 189, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 189, 189)  
}
```

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, 189, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 189, 189) }
```

Border

The CSS property to change the border of an element to YIQ 206.9400, 35.7600, 12.7200 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, 189, 189) }
```


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

```
.border{ border-color:rgb(249, 189, 189) }
```

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

Here you see how a box with a 4 pixel rgb(249, 189, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 189, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 189, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 189,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 206.9400, 35.7600, 12.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 189, 189) }
```

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

```
.background{ background-color: rgb(249,  
189, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor