

Converting Colors

YIQ(205.9010, 31.4960, 12.9040)

Have a look what the booklet for
YIQ(205.9010, 31.4960, 12.9040)
contains.

YIQ(205.9010, 31.4960, 12.9040)	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(205.9010, 31.4960,
12.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BDC1
RGB	244, 189, 193
RGB Percent	96%, 74%, 76%
CMY	0.0430, 0.2589, 0.2430
CMYK	0.00, 0.23, 0.21, 0.04
HSL	356°, 72%, 85%
HSV	356°, 23%, 96%
XYZ	65.1418, 59.4761, 58.5169
YIQ	205.9010, 31.4960, 12.9040

Conversions

Conversions Part 2

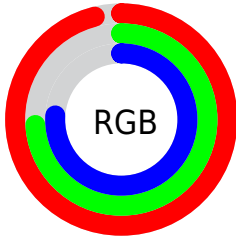
Format	Color
R_{YB}	244, 189, 193
Decimal	16039361
CIE _{Lab}	81.55, 20.35, 5.59
CIE _{LCh}	82, 21.104, 15.354
Yxy	59.4761, 0.3557, 0.3248
Android (android.graphics.Color)	4294229441 (0xFFFF4BDC1)
YUV	205.9010, -6.3602, 33.4128
Hunter-Lab	77.1207, 15.8128, 8.9970

Details

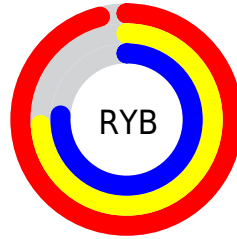
The YIQ color **205.9010, 31.4960, 12.9040** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **227.0990, -31.4960, -12.9040**, and the grayscale version is **206.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.4460, 4.6760, 3.3640**, and **151.1180, 29.3870, 12.5790** is the 20% darker color. If you saturate the color by 10%, you get **189.1910, 45.4790, 18.3030**, and if you desaturate by 10%, it is **222.6110, 17.5130, 7.5050**.

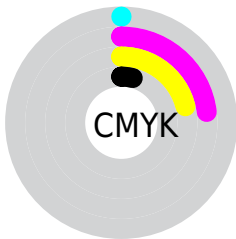
Distribution



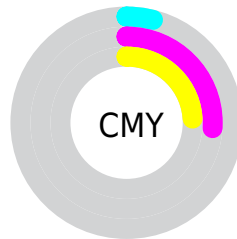
- Red (96%)
- Green (74%)
- Blue (76%)



- Red (96%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.9010, 31.4960, 12.9040 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 205.9010, 31.4960, 12.9040 by changing the saturation by 10% instead.


 205.9010, 31.4960,
12.9040


 205.9010, 31.4960,
12.9040


255.0000, -0.0000,
-0.0000


 178.3030, 30.3040,
12.4800


 248.4460, 4.6760,
3.3640

 151.1180, 29.3870,
12.5790

 125.1070, 27.9200,
11.6320

 99.9220, 27.0030,
11.7310

 75.9110, 25.5360,
10.7840

 52.1280, 23.4270,
10.4590

 29.7580, 21.5930,

10.6570

■ 11.0630, 22.0520,
7.8440

■ 0.0000, 0.0000,
0.0000

■ 205.9010, 31.4960,
12.9040

■ 205.9010, 31.4960,
12.9040

■ 189.1910, 45.4790,
18.3030

■ 222.6110, 17.5130,
7.5050

■ 172.0080, 59.4160,
24.5360

■ 239.7940, 3.5760,
1.2720

■ 155.2980, 73.3990,
29.9350

■ 251.7110, -6.5560,
-2.3320

■ 138.1150, 87.3360,
36.1680

■ 121.4050,
101.3190, 41.5670

■ 104.6950,
115.3020, 46.9660

■ 87.5120, 129.2390,
53.1990

■ 75.0080, 139.6460,
57.3260

Harmonies

Analogous

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



206.6750, 20.6290, 17.1170



205.9010, 31.4960, 12.9040



204.4140, 34.0650, 4.8890

Triad

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



205.9010, 31.4960, 12.9040



198.4210, -3.3440, -16.4960



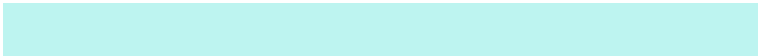
199.1010, -33.8370, 1.9950

Complementary

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



205.9010, 31.4960, 12.9040



227.0990, -31.4960, -12.9040

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.



196.1120, -41.5380, -7.1220



205.9010, 31.4960, 12.9040



195.9550, -22.4630, -16.9190

Square

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



205.9010, 31.4960, 12.9040



201.0380, 14.0320, -12.0160



194.9350, -36.9060, -13.9780



203.4670, -17.0120, 10.9560

Rectangle

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



205.9010, 31.4960, 12.9040



203.4580, 30.7650, -1.3870



194.9350, -36.9060, -13.9780



197.9540, -37.9170, -1.1570

Sweetspot

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



205.9010, 31.4960, 12.9040



242.4960, 10.4070, 4.1270



210.2200, 12.1450, 27.7050



120.4030, 6.2350, 2.6430



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.



205.9010, 31.4960, 12.9040



207.2010, 39.5190, 16.1830



218.9460, 26.4550, -0.3690



113.7020, 6.8310, 2.8550



57.2100, 106.3620, 43.7860



18.0970, 33.8800, 13.7520

Inverse Universe

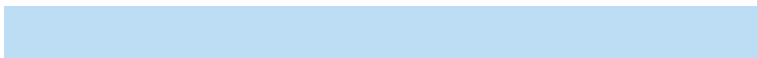
The Inverse Universe completely reimagines the original color for something new.



205.9010, 31.4960, 12.9040



207.2010, 39.5190, 16.1830



214.0540, -26.4550, 0.3690



113.7020, 6.8310, 2.8550



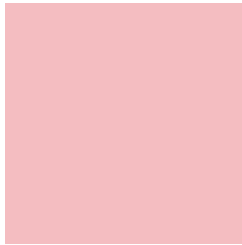
57.2100, 106.3620, 43.7860



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 205.9010, 31.4960, 12.9040 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 205.9010, 31.4960, 12.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

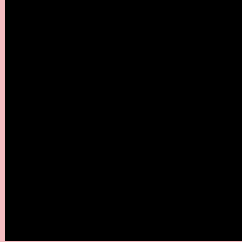
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.9010, 31.4960, 12.9040

Background



This preview shows how black text looks on a background with the YIQ color 205.9010, 31.4960, 12.9040.



This preview shows how white text looks on a background with the YIQ color 205.9010, 31.4960,

12.9040.

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

205.9010, 31.4960, 12.9040

Protanopia

203.2670, 3.6220, 0.4380

Deuteranopia

204.8130, 19.7600, 5.3280



Tritanopia

206.6390, 29.4780, 16.4380

Trichromacy



Original Color

205.9010, 31.4960, 12.9040

Protanomaly

203.8770, 13.7080, 4.8760

Deuteranomaly

204.8460, 24.1610, 8.1690

Tritanomaly

206.2970, 30.4410, 15.5050

Monochromacy



Original Color

205.9010, 31.4960, 12.9040

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0940, 11.5990, 4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.9010, 31.4960, 12.9040 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(244, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 193)  
}
```

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(244, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 193) }
```

Border

The CSS property to change the border of an element to YIQ 205.9010, 31.4960, 12.9040 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(244, 189, 193) }
```


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

```
.border{ border-color:rgb(244, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 205.9010, 31.4960, 12.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 193) }
```

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

```
.background{ background-color: rgb(244,  
189, 193) }
```

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