

Converting Colors

YIQ(201.6940, 36.8130, 21.1730)

Have a look what the booklet for
YIQ(201.6940, 36.8130, 21.1730)
contains.

YIQ(201.6940, 36.8130, 21.1730)	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(201.6940, 36.8130,
21.1730)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB2C5
RGB	250, 178, 197
RGB Percent	98%, 70%, 77%
CMY	0.0194, 0.3021, 0.2273
CMYK	0.00, 0.29, 0.21, 0.02
HSL	344°, 88%, 84%
HSV	344°, 29%, 98%
XYZ	65.4373, 56.1941, 60.2411
YIQ	201.6940, 36.8130, 21.1730

Conversions

Conversions Part 2

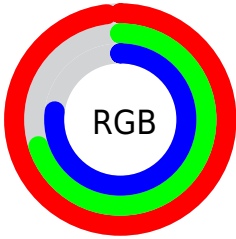
Format	Color
RYB	250, 178, 197
Decimal	16429765
CIELab	79.72, 28.90, 0.85
CIElCh	80, 28.910, 1.693
Yxy	56.1941, 0.3598, 0.3090
Android (android.graphics.Color)	4294619845 (0xFFFA2C5)
YUV	201.6940, -2.3141, 42.3644
Hunter-Lab	74.9628, 24.6335, 4.8277

Details

The YIQ color $201.6940, 36.8130, 21.1730$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.3060, -36.8130, -21.1730$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $242.5590, 6.0960, 10.6720$, and $147.0850, 34.1540, 19.8020$ is the 20% darker color. If you saturate the color by 10%, you get $184.9670, 49.4660, 28.6500$, and if you desaturate by 10%, it is $218.4210, 24.1600, 13.6960$.

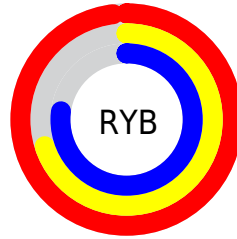
Distribution



Red (98%)

Green (70%)

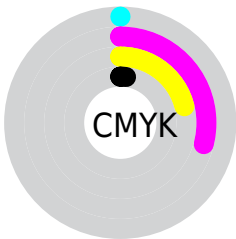
Blue (77%)



Red (98%)

Yellow (70%)

Blue (77%)

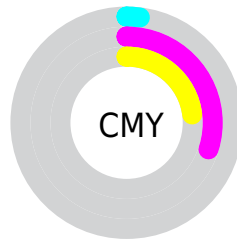


Cyan (0%)

Magenta (29%)

Yellow (21%)

Black (2%)



Cyan (2%)


Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.6940, 36.8130, 21.1730 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 201.6940, 36.8130, 21.1730 by changing the saturation by 10% instead.

 201.6940, 36.8130,
21.1730


 201.6940, 36.8130,
21.1730


255.0000, -0.0000,
-0.0000


 174.0960, 35.6210,
20.7490


 242.5590, 6.0960,
10.6720

 147.0850, 34.1540,
19.8020

 120.6010, 32.6410,
19.6890

 95.0030, 31.4490,
19.2650

 71.1060, 29.6610,
18.6290

 46.6220, 28.1480,
18.5160

 22.7790, 26.2680,

19.5480

■ 12.3730, 24.1150,
9.0030

■ 0.0000, 0.0000,
0.0000

■ 201.6940, 36.8130,
21.1730

■ 201.6940, 36.8130,
21.1730

■ 184.9670, 49.4660,
28.6500

■ 218.4210, 24.1600,
13.6960

■ 168.1260, 62.4400,
35.8160

■ 235.2620, 11.1860,
6.5300

■ 151.3990, 75.0930,
43.2930

■ 251.9890, -1.4670,
-0.9470

■ 134.5580, 88.0670,
50.4590

■ 253.5050, -2.9800,
-1.0600

■ 117.8310,
100.7200, 57.9360

■ 101.1040,
113.3730, 65.4130

■ 84.2630, 126.3470,
72.5790

■ 82.2740, 127.8140,
73.5260

Harmonies

Analogous

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



202.3360, 17.5100, 24.0860



201.6940, 36.8130, 21.1730



200.2030, 45.2050, 12.2530

Triad

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



201.6940, 36.8130, 21.1730



193.4620, 6.6060, -20.6100



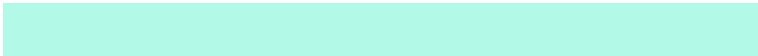
188.7930, -56.5770, -4.3930

Complementary

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



201.6940, 36.8130, 21.1730



226.3060, -36.8130, -21.1730

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.



185.0770, -60.7930, -16.0970



201.6940, 36.8130, 21.1730



189.4080, -19.6650, -23.5770

Square

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



201.6940, 36.8130, 21.1730



196.0520, 28.6120, -11.9320



186.1740, -45.2490, -22.4730



195.6480, -36.6350, 8.6530

Rectangle

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



201.6940, 36.8130, 21.1730



199.3350, 44.4730, 3.4890



186.1740, -45.2490, -22.4730



187.0050, -60.2900, -8.6900

Sweetspot

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



201.6940, 36.8130, 21.1730



239.5610, 11.7820, 6.7420



202.0550, 8.4760, 33.6280



117.9410, 7.6560, 4.4240



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.



201.6940, 36.8130, 21.1730



195.2330, 45.6610, 26.0210



209.5070, 38.2370, 6.3730



116.3430, 6.4640, 4.0000



62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Inverse Universe

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



201.6940, 36.8130, 21.1730



195.2330, 45.6610, 26.0210



218.4930, -38.2370, -6.3730



116.3430, 6.4640, 4.0000



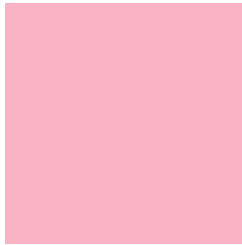
62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Previews

White Background



This preview shows how the YIQ color 201.6940, 36.8130, 21.1730 looks on a white background.

Color Contrast Check

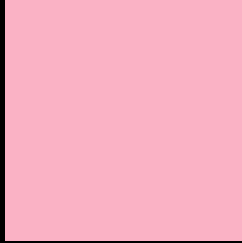
Large Text (above 18pt) WCAG AA × Fail

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 201.6940, 36.8130, 21.1730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

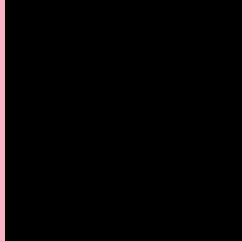
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.6940, 36.8130, 21.1730

Background



This preview shows how black text looks on a background with the YIQ color 201.6940, 36.8130, 21.1730.



This preview shows how white text looks on a background with the YIQ color 201.6940, 36.8130,

21.1730.

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

201.6940, 36.8130, 21.1730

Protanopia

198.8520, -2.3390, 3.8450

Deuteranopia

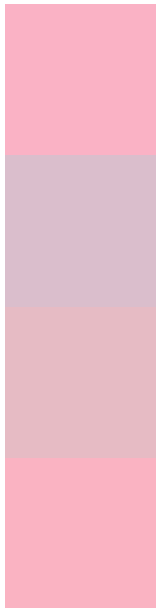
200.1160, 14.5330, 6.4450



Tritanopia

201.7110, 38.1430, 19.0950

Trichromacy



Original Color

201.6940, 36.8130, 21.1730

Protanomaly

199.9680, 12.1940, 10.2900

Deuteranomaly

200.8830, 22.7390, 11.9150

Tritanomaly

201.9390, 37.5010, 19.7170

Monochromacy



Original Color

201.6940, 36.8130, 21.1730

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.5720, 13.2490, 7.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6940, 36.8130, 21.1730 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(250, 178, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 178, 197)  
}
```

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(250, 178, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 178, 197) }
```

Border

The CSS property to change the border of an element to YIQ 201.6940, 36.8130, 21.1730 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(250, 178, 197) }
```


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

```
.border{ border-color:rgb(250, 178, 197) }
```

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

Here you see how a box with a 4 pixel rgb(250, 178, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 178, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 178, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 178,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6940, 36.8130, 21.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 178, 197) }
```

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

```
.background{ background-color: rgb(250,  
178, 197) }
```

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