

Converting Colors

YIQ(201.2170, 42.5900, 21.1020)

Have a look what the booklet for
YIQ(201.2170, 42.5900, 21.1020)
contains.

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Color

**YIQ(201.2170, 42.5900,
21.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0BE
RGB	255, 176, 190
RGB Percent	100%, 69%, 75%
CMY	0.0000, 0.3099, 0.2547
CMYK	0.00, 0.31, 0.25, 0.00
HSL	349°, 100%, 85%
HSV	349°, 31%, 100%
XYZ	66.0575, 56.0171, 56.0691
YIQ	201.2170, 42.5900, 21.1020

Conversions

Conversions Part 2

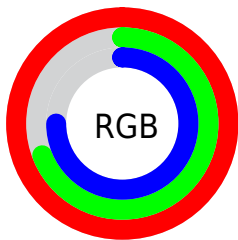
Format	Color
R_{YB}	255, 176, 190
Decimal	16756926
CIE _{Lab}	79.62, 30.72, 4.56
CIE _{LCh}	80, 31.058, 8.446
Yxy	56.0171, 0.3708, 0.3144
Android (android.graphics.Color)	4294947006 (0xFFFFB0BE)
YUV	201.2170, -5.5300, 47.1677
Hunter-Lab	74.8446, 26.5653, 7.9747

Details

The YIQ color **201.2170, 42.5900, 21.1020** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **229.7830, -42.5900, -21.1020**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4730, 9.2140, 9.2300**, and **146.7220, 39.6100, 20.0420** is the 20% darker color. If you saturate the color by 10%, you get **183.5610, 56.4810, 28.1690**, and if you desaturate by 10%, it is **218.2860, 28.9740, 14.5580**.

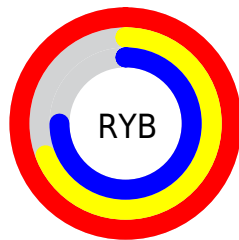
Distribution



Red (100%)

Green (69%)

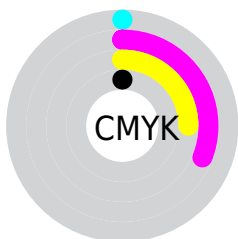
Blue (75%)



Red (100%)

Yellow (69%)

Blue (75%)

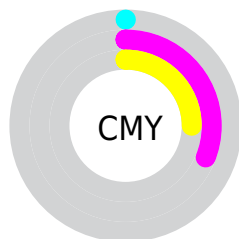


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.2170, 42.5900, 21.1020 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 201.2170, 42.5900, 21.1020 by changing the saturation by 10% instead.


 201.2170, 42.5900,
21.1020


 201.2170, 42.5900,
21.1020


255.0000, -0.0000,
-0.0000


 173.6190, 41.3980,
20.6780


 240.4730, 9.2140,
9.2300

 146.7220, 39.6100,
20.0420

 120.1240, 38.4180,
19.6180

 94.3410, 36.3090,
19.2930

 69.5580, 34.2000,
18.9680

 45.1880, 32.3660,
19.1660

 21.0460, 29.8900,

19.9860

■ 12.6720, 24.7110,
9.2150

■ 0.0000, 0.0000,
0.0000

■ 201.2170, 42.5900,
21.1020

■ 201.2170, 42.5900,
21.1020

■ 183.5610, 56.4810,
28.1690

■ 218.2860, 28.9740,
14.5580

■ 166.4920, 70.0970,
34.7130

■ 235.9420, 15.0830,
7.4910

■ 148.8360, 83.9880,
41.7800

■ 253.0110, 1.4670,
0.9470

■ 131.7670, 97.6040,
48.3240

■ 255.0000, -0.0000,
-0.0000

■ 114.1110,
111.4950, 55.3910

■ 97.0420, 125.1110,
61.9350

■ 81.3750, 137.5350,
68.0550

Harmonies

Analogous

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



202.0980, 24.1120, 25.5840



201.2170, 42.5900, 21.1020



199.8890, 48.9650, 10.1890

Triad

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



201.2170, 42.5900, 21.1020



191.3580, 0.9670, -23.0410



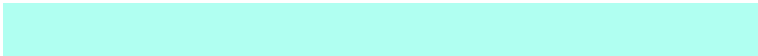
188.8900, -58.2280, -2.0040

Complementary

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



201.2170, 42.5900, 21.1020



229.7830, -42.5900, -21.1020

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.



183.4830, -67.8080, -15.6160



201.2170, 42.5900, 21.1020



187.7490, -28.0550, -25.7110

Square

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



201.2170, 42.5900, 21.1020



194.9760, 25.7700, -15.4940



183.9710, -54.9230, -23.3630



196.0230, -33.1970, 12.4270

Rectangle

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



201.2170, 42.5900, 21.1020



198.2380, 46.1240, 1.1000



183.9710, -54.9230, -23.3630



186.3190, -64.0500, -6.6260

Sweetspot

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



201.2170, 42.5900, 21.1020



239.3330, 12.4240, 6.1200



204.4410, 13.3810, 38.3490



117.8270, 7.9770, 4.1130



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.



201.2170, 42.5900, 21.1020



190.9300, 50.8880, 24.9040



214.2960, 40.2090, 3.6730



119.1150, 7.1060, 3.3780



60.9850, 102.9220, 51.0660



20.3900, 34.6130, 16.9890

Inverse Universe

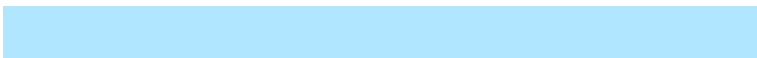
The Inverse Universe completely reimagines the original color for something new.



201.2170, 42.5900, 21.1020



190.9300, 50.8880, 24.9040



216.7040, -40.2090, -3.6730



119.1150, 7.1060, 3.3780



60.9850, 102.9220, 51.0660



20.3900, 34.6130, 16.9890

Previews

White Background



This preview shows how the YIQ color 201.2170, 42.5900, 21.1020 looks on a white background.

Color Contrast Check

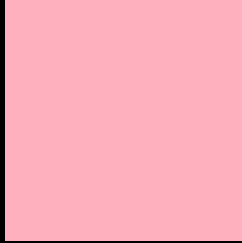
Large Text (above 18pt) WCAG AA × Fail

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 201.2170, 42.5900, 21.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

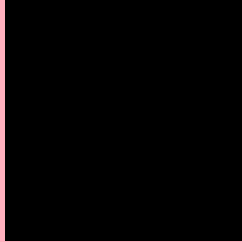
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.2170, 42.5900, 21.1020

Background



This preview shows how black text looks on a background with the YIQ color 201.2170, 42.5900, 21.1020.



This preview shows how white text looks on a background with the YIQ color 201.2170, 42.5900,

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

201.2170, 42.5900, 21.1020

Protanopia

198.4670, 0.1830, 2.1910

Deuteranopia

199.5140, 19.1640, 5.1160



Tritanopia

201.1030, 42.9110, 20.7910

Trichromacy



Original Color

201.2170, 42.5900, 21.1020



Protanomaly

199.2950, 15.5870, 9.3710



Deuteranomaly

200.2810, 27.3700, 10.5860



Tritanomaly

201.1030, 42.9110, 20.7910

Monochromacy



Original Color

201.2170, 42.5900, 21.1020



Achromatopsia

201.0000, -0.0000, 0.0000



Achromatomaly

201.2410, 15.6790, 7.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.2170, 42.5900, 21.1020 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(255, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 190)  
}
```

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(255, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 190) }
```

Border

The CSS property to change the border of an element to YIQ 201.2170, 42.5900, 21.1020 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(255, 176, 190) }
```


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

```
.border{ border-color:rgb(255, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 201.2170, 42.5900, 21.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 190) }
```

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

```
.background{ background-color: rgb(255,  
176, 190) }
```

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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