

Converting Colors

YIQ(200.7020, 42.3620, 14.2180)

Have a look what the booklet for
YIQ(200.7020, 42.3620, 14.2180)
contains.

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Color

**YIQ(200.7020, 42.3620,
14.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB4B2
RGB	250, 180, 178
RGB Percent	98%, 71%, 70%
CMY	0.0194, 0.2942, 0.3018
CMYK	0.00, 0.28, 0.29, 0.02
HSL	2°, 88%, 84%
HSV	2°, 29%, 98%
XYZ	63.7950, 56.1785, 49.6234
YIQ	200.7020, 42.3620, 14.2180

Conversions

Conversions Part 2

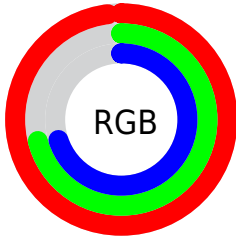
Format	Color
R _Y B	250, 180, 178
Decimal	16430258
CIE Lab	79.72, 25.21, 11.11
CIE LCh	80, 27.552, 23.791
Yxy	56.1785, 0.3762, 0.3312
Android (android.graphics.Color)	4294620338 (0xFFFAB4B2)
YUV	200.7020, -11.1921, 43.2343
Hunter-Lab	74.9523, 20.7621, 13.2127

Details

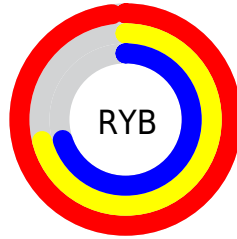
The YIQ color $200.7020, 42.3620, 14.2180$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $227.2980, -42.3620, -14.2180$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.4530, 11.9660, 3.4060$, and $146.2070, 39.3820, 13.1580$ is the 20% darker color. If you saturate the color by 10%, you get $183.7640, 56.9870, 18.9950$, and if you desaturate by 10%, it is $217.6400, 27.7370, 9.4410$.

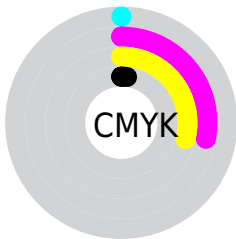
Distribution



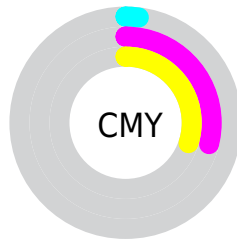
- Red (98%)
- Green (71%)
- Blue (70%)



- Red (98%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.7020, 42.3620, 14.2180 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 200.7020, 42.3620, 14.2180 by changing the saturation by 10% instead.


 200.7020, 42.3620,
14.2180

 200.7020, 42.3620,
14.2180


255.0000, -0.0000,
-0.0000


 173.1040, 41.1700,
13.7940


 241.4530, 11.9660,
3.4060

 146.2070, 39.3820,
13.1580

 119.8370, 37.5480,
13.3560

 94.9400, 35.7600,
12.7200

 70.1570, 33.6510,
12.3950

 46.4880, 31.2210,
12.3810

 22.8900, 30.0290,

11.9570

■ 11.4760, 22.3270,
8.3670

■ 0.0000, 0.0000,
0.0000

■ 200.7020, 42.3620,
14.2180

■ 200.7020, 42.3620,
14.2180

■ 183.7640, 56.9870,
18.9950

■ 217.6400, 27.7370,
9.4410

■ 166.2390, 71.8870,
24.2950

■ 235.1650, 12.8370,
4.1410

■ 149.3010, 86.5120,
29.0720

■ 252.1030, -1.7880,
-0.6360

■ 132.3630,
101.1370, 33.8490

■ 253.5050, -2.9800,
-1.0600

■ 114.8380,
116.0370, 39.1490

■ 97.9000, 130.6620,
43.9260

■ 80.9620, 145.2870,
48.7030

■ 78.8590, 147.0750,
49.3390

Harmonies

Analogous

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



201.5840, 31.3110, 21.7670



200.7020, 42.3620, 14.2180



199.1390, 42.0890, 2.6410

Triad

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



200.7020, 42.3620, 14.2180



191.0560, -12.7420, -22.3900



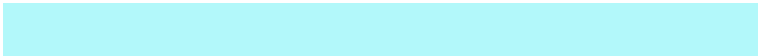
194.3870, -40.3940, 5.1900

Complementary

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



200.7020, 42.3620, 14.2180



227.2980, -42.3620, -14.2180

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.



188.0980, -56.1180, -7.2060



200.7020, 42.3620, 14.2180



187.4800, -37.3630, -22.2190

Square

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



200.7020, 42.3620, 14.2180



193.9790, 12.5200, -17.6560



185.9590, -54.6490, -17.3130



199.4120, -15.1790, 16.2850

Rectangle

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



200.7020, 42.3620, 14.2180



197.5740, 36.1300, -5.0060



185.9590, -54.6490, -17.3130



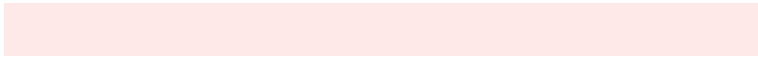
192.0440, -46.8580, 1.1900

Sweetspot

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



200.7020, 42.3620, 14.2180



239.4640, 13.4330, 4.3530



207.6220, 20.1210, 37.3450



118.0720, 8.6650, 2.6570



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.



200.7020, 42.3620, 14.2180



193.7850, 52.4940, 17.8220



221.2470, 32.7370, -4.0870



116.4740, 7.4730, 2.2330



59.4460, 111.2690, 37.4530



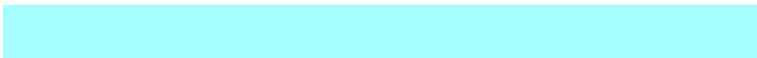
19.4130, 35.8060, 11.8860

Inverse Universe

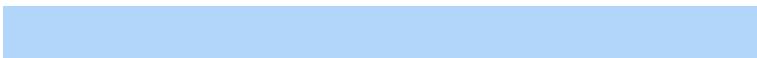
The Inverse Universe completely reimagines the original color for something new.



227.2980, -42.3620, -14.2180



227.2150, -52.4940, -17.8220



206.7530, -32.7370, 4.0870



121.1130, -7.7480, -2.7560



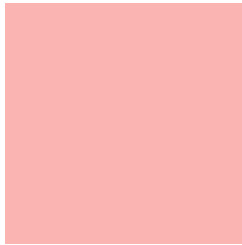
129.5540, -111.2690, -37.4530



42.1740, -36.0810, -12.4090

Previews

White Background



This preview shows how the YIQ color 200.7020, 42.3620, 14.2180 looks on a white background.

Color Contrast Check

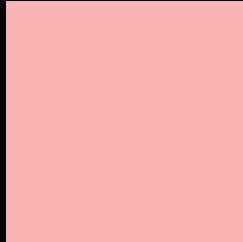
Large Text (above 18pt) WCAG AA × Fail

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 200.7020, 42.3620, 14.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

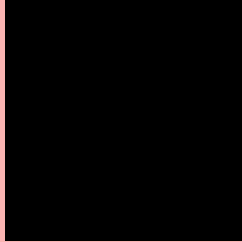
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.7020, 42.3620, 14.2180

Background



This preview shows how black text looks on a background with the YIQ color 200.7020, 42.3620, 14.2180.

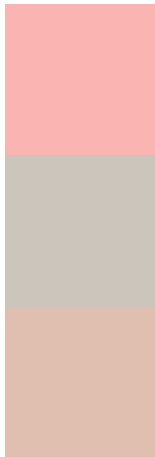


This preview shows how white text looks on a background with the YIQ color 200.7020, 42.3620,

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

200.7020, 42.3620, 14.2180

Protanopia

197.9530, 7.3820, -1.6260

Deuteranopia

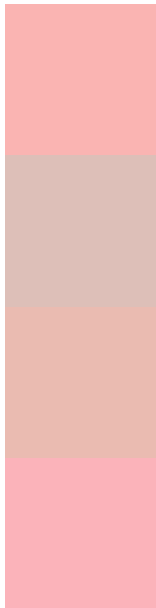
199.4560, 25.0790, 2.5430



Tritanopia

201.3090, 39.3350, 19.5190

Trichromacy



Original Color

200.7020, 42.3620, 14.2180

Protanomaly

199.1720, 20.1270, 4.1830

Deuteranomaly

199.9130, 31.2220, 6.8540

Tritanomaly

201.3260, 40.6650, 17.4410

Monochromacy



Original Color

200.7020, 42.3620, 14.2180

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.7740, 15.4960, 5.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.7020, 42.3620, 14.2180 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, 180, 178)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 178)  
}
```

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, 180, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 178) }
```

Border

The CSS property to change the border of an element to YIQ 200.7020, 42.3620, 14.2180 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, 180, 178) }
```


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

```
.border{ border-color:rgb(250, 180, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 180, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 178);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 200.7020, 42.3620, 14.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 178) }
```

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

```
.background{ background-color: rgb(250,  
180, 178) }
```

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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