

Converting Colors

YIQ(203.7620, 42.1330, 12.8610)

Have a look what the booklet for
YIQ(203.7620, 42.1330, 12.8610)
contains.

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Color

**YIQ(203.7620, 42.1330,
12.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB8B3
RGB	252, 184, 179
RGB Percent	99%, 72%, 70%
CMY	0.0116, 0.2785, 0.2979
CMYK	0.00, 0.27, 0.29, 0.01
HSL	4°, 92%, 85%
HSV	4°, 29%, 99%
XYZ	65.4352, 58.2285, 50.4614
YIQ	203.7620, 42.1330, 12.8610

Conversions

Conversions Part 2

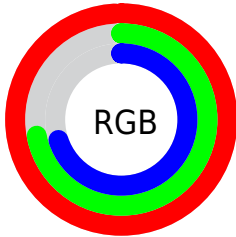
Format	Color
R _Y B	252, 184, 179
Decimal	16562355
CIE Lab	80.87, 23.97, 12.24
CIE LCh	81, 26.915, 27.041
Yxy	58.2285, 0.3758, 0.3344
Android (android.graphics.Color)	4294752435 (0xFFFCB8B3)
YUV	203.7620, -12.2077, 42.3047
Hunter-Lab	76.3076, 19.5287, 14.2075

Details

The YIQ color $203.7620, 42.1330, 12.8610$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $227.2380, -42.1330, -12.8610$, and the grayscale version is $204.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.9150, 10.5450, 1.6250$, and $149.2670, 39.1530, 11.8010$ is the 20% darker color. If you saturate the color by 10%, you get $186.8240, 56.7580, 17.6380$, and if you desaturate by 10%, it is $220.1130, 27.7830, 8.6070$.

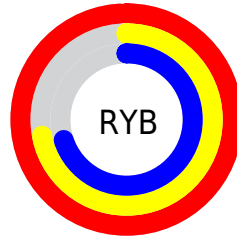
Distribution



Red (99%)

Green (72%)

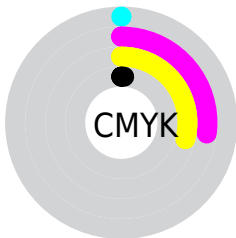
Blue (70%)



Red (99%)

Yellow (72%)

Blue (70%)

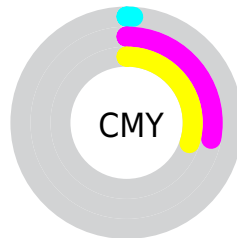


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (28%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 203.7620, 42.1330, 12.8610 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 203.7620, 42.1330, 12.8610 by changing the saturation by 10% instead.


 203.7620, 42.1330,
12.8610


 203.7620, 42.1330,
12.8610


255.0000, -0.0000,
-0.0000


 176.1640, 40.9410,
12.4370


 243.9150, 10.5450,
1.6250

 149.2670, 39.1530,
11.8010

 122.7830, 37.6400,
11.6880

 97.0000, 35.5310,
11.3630

 73.2170, 33.4220,
11.0380

 49.4340, 31.3130,
10.7130

 25.9500, 29.8000,

10.6000

■ 11.7750, 22.9230,
8.5790

■ 0.0000, 0.0000,
0.0000

■ 203.7620, 42.1330,
12.8610

■ 203.7620, 42.1330,
12.8610

■ 186.8240, 56.7580,
17.6380

■ 220.1130, 27.7830,
8.6070

■ 170.4730, 71.1080,
21.8920

■ 237.0510, 13.1580,
3.8300

■ 153.4210, 86.0540,
26.3580

■ 253.5160, -1.5130,
-0.1130

■ 137.0700,
100.4040, 30.6120

■ 254.1030, -1.7880,
-0.6360

■ 120.1320,
115.0290, 35.3890

■ 103.7810,
129.3790, 39.6430

■ 86.8430, 144.0040,
44.4200

■ 85.3270, 145.5170,
44.5330

Harmonies

Analogous

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



205.1280, 32.5950, 20.5230



203.7620, 42.1330, 12.8610



202.0140, 40.9430, 1.3830

Triad

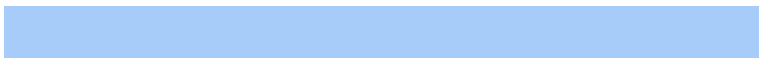
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



203.7620, 42.1330, 12.8610



193.8000, -14.8970, -21.8810



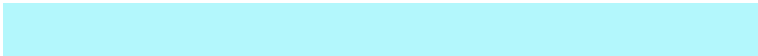
198.1810, -36.8180, 6.4620

Complementary

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



203.7620, 42.1330, 12.8610



227.2380, -42.1330, -12.8610

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.



192.7070, -53.4590, -5.8350



203.7620, 42.1330, 12.8610



190.8220, -38.3260, -21.2860

Square

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



203.7620, 42.1330, 12.8610



197.0110, 9.4940, -17.8820



189.3120, -54.1450, -15.4330



202.7930, -11.8780, 17.0340

Rectangle

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



203.7620, 42.1330, 12.8610



200.5630, 34.6630, -5.9530



189.3120, -54.1450, -15.4330



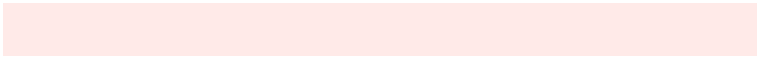
195.9520, -43.6030, 2.7730

Sweetspot

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



203.7620, 42.1330, 12.8610



240.0510, 13.1580, 3.8300



208.5790, 21.6800, 36.6240



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.



203.7620, 42.1330, 12.8610



196.1330, 51.3940, 15.7300



224.8940, 32.2330, -5.9670



116.4740, 7.4730, 2.2330



64.1420, 109.0690, 33.2690



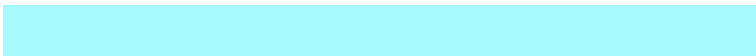
20.5870, 35.2560, 10.8400

Inverse Universe

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



227.2380, -42.1330, -12.8610



224.8670, -51.3940, -15.7300



206.1060, -32.2330, 5.9670



120.5260, -7.4730, -2.2330



124.8580, -109.0690, -33.2690



40.4130, -35.2560, -10.8400

Previews

White Background



This preview shows how the YIQ color 203.7620, 42.1330, 12.8610 looks on a white background.

Color Contrast Check

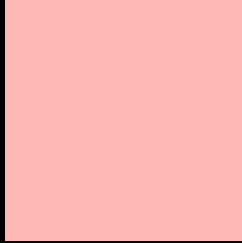
Large Text (above 18pt) WCAG AA × Fail

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 203.7620, 42.1330, 12.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

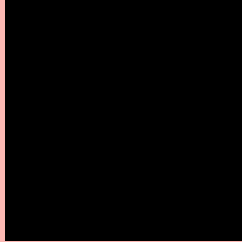
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 203.7620, 42.1330, 12.8610

Background



This preview shows how black text looks on a background with the YIQ color 203.7620, 42.1330, 12.8610.



This preview shows how white text looks on a background with the YIQ color 203.7620, 42.1330,

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

203.7620, 42.1330, 12.8610

Protanopia

201.0240, 8.6200, -2.0360

Deuteranopia

202.5270, 26.3170, 2.1330



Tritanopia

204.4230, 39.0140, 19.8300

Trichromacy



Original Color

203.7620, 42.1330, 12.8610

Protanomaly

201.9440, 20.7690, 3.5610

Deuteranomaly

202.6850, 31.8640, 6.2320

Tritanomaly

204.0270, 40.0690, 17.2290

Monochromacy



Original Color

203.7620, 42.1330, 12.8610

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

203.9480, 14.9460, 4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.7620, 42.1330, 12.8610 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(252, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 179)  
}
```

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(252, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 179) }
```

Border

The CSS property to change the border of an element to YIQ 203.7620, 42.1330, 12.8610 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(252, 184, 179) }
```


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

```
.border{ border-color:rgb(252, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 203.7620, 42.1330, 12.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 179) }
```

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

```
.background{ background-color: rgb(252,  
184, 179) }
```

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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