

Converting Colors

YIQ(215.0200, 23.6110, 7.1230)

Have a look what the booklet for
YIQ(215.0200, 23.6110, 7.1230)
contains.

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Color

**YIQ(215.0200, 23.6110,
7.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CCC9
RGB	242, 204, 201
RGB Percent	95%, 80%, 79%
CMY	0.0509, 0.2000, 0.2117
CMYK	0.00, 0.16, 0.17, 0.05
HSL	4°, 61%, 87%
HSV	4°, 17%, 95%
XYZ	68.7603, 66.2776, 64.4422
YIQ	215.0200, 23.6110, 7.1230

Conversions

Conversions Part 2

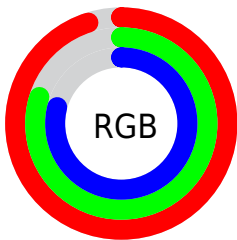
Format	Color
R _Y B	242, 204, 201
Decimal	15912137
CIE Lab	85.14, 12.91, 6.46
CIE LCh	85, 14.437, 26.565
Yxy	66.2776, 0.3447, 0.3323
Android (android.graphics.Color)	4294102217 (0xFFFF2CCC9)
YUV	215.0200, -6.9119, 23.6615
Hunter-Lab	81.4110, 8.2929, 10.0558

Details

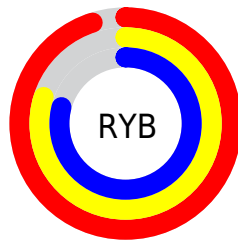
The YIQ color **215.0200, 23.6110, 7.1230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **227.9800, -23.6110, -7.1230**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.1230, 21.8230, 6.4870** is the 20% darker color. If you saturate the color by 10%, you get **199.3700, 37.3650, 11.1650**, and if you desaturate by 10%, it is **230.6700, 9.8570, 3.0810**.

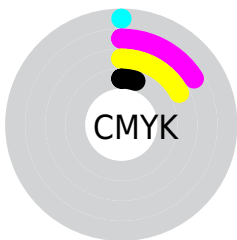
Distribution



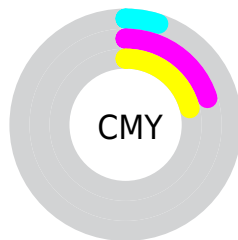
- Red (95%)
- Green (80%)
- Blue (79%)



- Red (95%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0200, 23.6110, 7.1230 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 215.0200, 23.6110, 7.1230 by changing the saturation by 10% instead.

215.0200, 23.6110,
7.1230

215.0200, 23.6110,
7.1230

255.0000, -0.0000,
-0.0000

187.4220, 22.4190,
6.6990

160.1230, 21.8230,
6.4870

133.8240, 21.2270,
6.2750

108.6390, 20.3100,
6.3740

84.0410, 19.1180,
5.9500

60.4430, 17.9260,
5.5260

38.5460, 16.1380,

4.8900

■ 16.2150, 18.5680,
4.9040

■ 0.0000, 0.0000,
0.0000

■ 215.0200, 23.6110,
7.1230

■ 215.0200, 23.6110,
7.1230

■ 199.3700, 37.3650,
11.1650

■ 230.6700, 9.8570,
3.0810

■ 183.1330, 51.3940,
15.7300

■ 246.9070, -4.1720,
-1.4840

■ 167.3690, 65.4690,
19.4610

■ 251.1130, -7.7480,
-2.7560

■ 151.1320, 79.4980,
24.0260

■ 135.4820, 93.2520,
28.0680

■ 119.2450,
107.2810, 32.6330

■ 103.5950,
121.0350, 36.6750

■ 87.2440, 135.3850,
40.9290

■ 82.3370, 139.5570,
42.4130

Harmonies

Analogous

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



215.7190, 17.3290, 10.8410



215.0200, 23.6110, 7.1230



214.0320, 23.3370, 1.0730

Triad

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



215.0200, 23.6110, 7.1230



209.3160, -7.2420, -11.9300



211.5820, -19.0740, 4.2700

Complementary

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



215.0200, 23.6110, 7.1230



227.9800, -23.6110, -7.1230

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.



209.4730, -26.3170, -2.1330



215.0200, 23.6110, 7.1230



208.4980, -19.4380, -11.1660

Square

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



215.0200, 23.6110, 7.1230



211.0140, 5.4120, -9.9800



207.8980, -26.3160, -7.6600



213.9750, -6.8790, 9.0330

Rectangle

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



215.0200, 23.6110, 7.1230



213.2440, 19.6240, -3.2240



207.8980, -26.3160, -7.6600



211.1470, -22.2830, 1.8530

Sweetspot

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



215.0200, 23.6110, 7.1230



246.4740, 7.4730, 2.2330



217.5910, 12.2380, 20.5100



122.3920, 4.7680, 1.6960



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

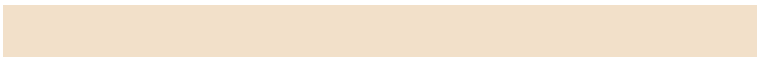
The Same Dimension uses a secret algorithm to generate beautiful new colors.



215.0200, 23.6110, 7.1230



221.5970, 29.2960, 8.7200



226.7600, 18.1110, -3.3370



112.1750, 6.8770, 2.0210



62.6470, 106.0890, 32.2090



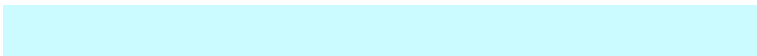
19.0920, 32.2760, 9.7800

Inverse Universe

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



227.9800, -23.6110, -7.1230



237.4030, -29.2960, -8.7200



216.2400, -18.1110, 3.3370



115.8250, -6.8770, -2.0210



120.7660, -105.8140, -31.6860



36.9080, -32.2760, -9.7800

Previews

White Background



This preview shows how the YIQ color 215.0200, 23.6110, 7.1230 looks on a white background.

Color Contrast Check

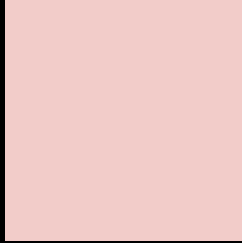
Large Text (above 18pt) WCAG AA × Fail

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 215.0200, 23.6110, 7.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

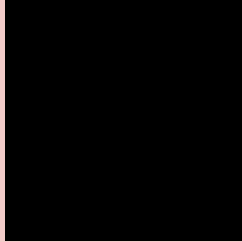
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.0200, 23.6110, 7.1230

Background



This preview shows how black text looks on a background with the YIQ color 215.0200, 23.6110, 7.1230.



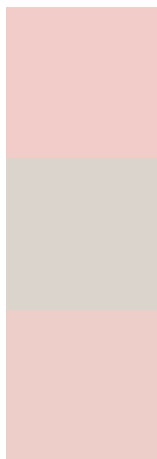
This preview shows how white text looks on a background with the YIQ color 215.0200, 23.6110,

7.1230.

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

215.0200, 23.6110, 7.1230

Protanopia

212.9960, 5.8230, -0.9050

Deuteranopia

214.9980, 20.6770, 5.2290



Tritanopia

215.6810, 20.4920, 14.0920

Trichromacy



Original Color

215.0200, 23.6110, 7.1230

Protanomaly

213.8120, 12.3330, 2.2610

Deuteranomaly

214.7100, 21.5480, 5.9640

Tritanomaly

215.2850, 21.5470, 11.4910

Monochromacy



Original Color

215.0200, 23.6110, 7.1230

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.0720, 8.6650, 2.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0200, 23.6110, 7.1230 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(242, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(242, 204, 201)  
}
```

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(242, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 204, 201) }
```

Border

The CSS property to change the border of an element to YIQ 215.0200, 23.6110, 7.1230 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(242, 204, 201) }
```


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

```
.border{ border-color:rgb(242, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(242, 204,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0200, 23.6110, 7.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 204, 201) }
```

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

```
.background{ background-color: rgb(242,  
204, 201) }
```

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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