

Converting Colors

YIQ(206.8290, 22.8310, 10.2470)

Have a look what the booklet for
YIQ(206.8290, 22.8310, 10.2470)
contains.

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Color

**YIQ(206.8290, 22.8310,
10.2470)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC2C7
RGB	235, 194, 199
RGB Percent	92%, 76%, 78%
CMY	0.0783, 0.2393, 0.2195
CMYK	0.00, 0.17, 0.15, 0.08
HSL	353°, 51%, 84%
HSV	353°, 17%, 92%
XYZ	63.8688, 60.3670, 62.3320
YIQ	206.8290, 22.8310, 10.2470

Conversions

Conversions Part 2

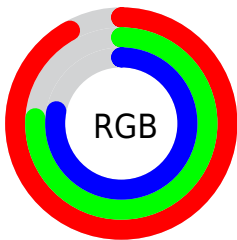
Format	Color
R _Y B	235, 194, 199
Decimal	15450823
CIE Lab	82.04, 15.37, 2.96
CIE LCh	82, 15.654, 10.914
Yxy	60.3670, 0.3423, 0.3236
Android (android.graphics.Color)	4293640903 (0xFFEBC2C7)
YUV	206.8290, -3.8597, 24.7060
Hunter-Lab	77.6962, 10.7643, 6.8217

Details

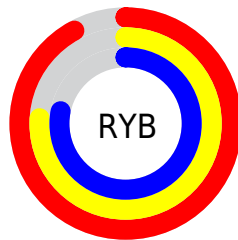
The YIQ color **206.8290, 22.8310, 10.2470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222.1710, -22.8310, -10.2470**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **252.6520, 1.1000, 2.0920**, and **152.2310, 21.6390, 9.8230** is the 20% darker color. If you saturate the color by 10%, you get **190.3470, 36.1720, 16.2680**, and if you desaturate by 10%, it is **222.7240, 9.7650, 4.7490**.

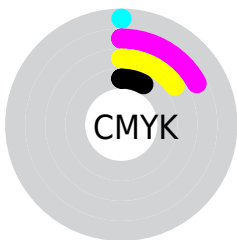
Distribution



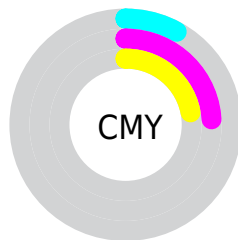
- Red (92%)
- Green (76%)
- Blue (78%)



- Red (92%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.8290, 22.8310, 10.2470 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 206.8290, 22.8310, 10.2470 by changing the saturation by 10% instead.


 206.8290, 22.8310,
10.2470


 206.8290, 22.8310,
10.2470


255.0000, -0.0000,
-0.0000


 179.5300, 22.2350,
10.0350


 252.6520, 1.1000,
2.0920


 152.2310, 21.6390,
9.8230

 126.6330, 20.4470,
9.3990

 101.0350, 19.2550,
8.9750

 76.7360, 18.6590,
8.7630

 53.8390, 16.8710,
8.1270

 32.2410, 15.6790,

7.7030

■ 9.9810, 19.3470,
7.3070

■ 0.0000, 0.0000,
0.0000

■ 206.8290, 22.8310,
10.2470

■ 206.8290, 22.8310,
10.2470

■ 190.3470, 36.1720,
16.2680

■ 222.7240, 9.7650,
4.7490

■ 174.5660, 48.9170,
22.0770

■ 239.0920, -3.2550,
-1.5830

■ 158.0840, 62.2580,
28.0980

■ 249.0200,
-11.9200, -4.2400

■ 142.3030, 75.0030,
33.9070

■ 125.8210, 88.3440,
39.9280

■ 109.9260,
101.4100, 45.4260

■ 93.5580, 114.4300,
51.7580

■ 77.6630, 127.4960,
57.2560

■ 73.5710, 130.7510,
58.8390

Harmonies

Analogous

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



207.0330, 13.5690, 12.9050



206.8290, 22.8310, 10.2470



206.1080, 26.1790, 4.6350

Triad

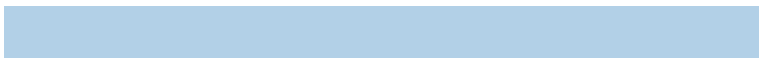
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206.8290, 22.8310, 10.2470



201.1380, -0.8690, -11.7890



201.6520, -25.2630, 0.7930

Complementary

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



206.8290, 22.8310, 10.2470



222.1710, -22.8310, -10.2470

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.



199.2120, -30.0760, -5.5960



206.8290, 22.8310, 10.2470



199.7820, -14.4860, -12.8060

Square

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



206.8290, 22.8310, 10.2470



203.0750, 12.6100, -8.2700



199.0890, -25.5360, -10.7840



204.0280, -14.3980, 7.6340

Rectangle

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



206.8290, 22.8310, 10.2470



204.8040, 23.9790, 0.4510



199.0890, -25.5360, -10.7840



200.5160, -27.8760, -1.4120

Sweetspot

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



206.8290, 22.8310, 10.2470



246.1150, 7.1060, 3.3780



209.4380, 8.2950, 20.3830



122.5060, 4.4470, 2.0070



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.



206.8290, 22.8310, 10.2470



217.9440, 29.9370, 13.6250



215.0640, 20.3110, 0.8470



109.4030, 6.2350, 2.6430



56.6270, 100.8140, 45.2140



16.9440, 29.9370, 13.6250

Inverse Universe

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



206.8290, 22.8310, 10.2470



217.9440, 29.9370, 13.6250



213.9360, -20.3110, -0.8470



109.4030, 6.2350, 2.6430



56.6270, 100.8140, 45.2140



16.9440, 29.9370, 13.6250

Previews

White Background



This preview shows how the YIQ color 206.8290, 22.8310, 10.2470 looks on a white background.

Color Contrast Check

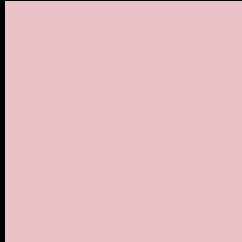
Large Text (above 18pt) WCAG AA × Fail

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 206.8290, 22.8310, 10.2470 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 206.8290, 22.8310, 10.2470

Background



This preview shows how black text looks on a background with the YIQ color 206.8290, 22.8310, 10.2470.



This preview shows how white text looks on a background with the YIQ color 206.8290, 22.8310,

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

206.8290, 22.8310, 10.2470

Protanopia

204.6090, 2.6590, 1.3710

Deuteranopia

205.7850, 16.9630, 6.4590



Tritanopia

207.5670, 20.8130, 13.7810

Trichromacy



Original Color

206.8290, 22.8310, 10.2470

Protanomaly

205.6100, 10.0860, 4.4380

Deuteranomaly

206.0950, 19.0260, 7.6180

Tritanomaly

207.2250, 21.7760, 12.8480

Monochromacy



Original Color

206.8290, 22.8310, 10.2470

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.7130, 8.2980, 3.8020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.8290, 22.8310, 10.2470 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(235, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 194, 199)  
}
```

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(235, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 194, 199) }
```

Border

The CSS property to change the border of an element to YIQ 206.8290, 22.8310, 10.2470 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(235, 194, 199) }
```


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

```
.border{ border-color:rgb(235, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(235, 194,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 206.8290, 22.8310, 10.2470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 194, 199) }
```

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

```
.background{ background-color: rgb(235,  
194, 199) }
```

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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