

Converting Colors

YIQ(200.8910, 20.2610, 23.7890)

Have a look what the booklet for
YIQ(200.8910, 20.2610, 23.7890)
contains.

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Color

**YIQ(200.8910, 20.2610,
23.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB4DB
RGB	235, 180, 219
RGB Percent	92%, 71%, 86%
CMY	0.0783, 0.2942, 0.1411
CMYK	0.00, 0.23, 0.07, 0.08
HSL	317°, 58%, 81%
HSV	317°, 23%, 92%
XYZ	63.3785, 55.4173, 74.3829
YIQ	200.8910, 20.2610, 23.7890

Conversions

Conversions Part 2

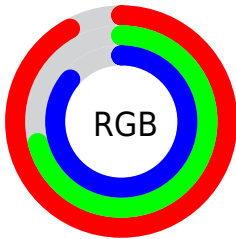
Format	Color
R_{YB}	235, 180, 219
Decimal	15447259
CIE _{Lab}	79.28, 26.13, -11.87
CIE _{LCh}	79, 28.696, 335.574
Yxy	55.4173, 0.3281, 0.2869
Android (android.graphics.Color)	4293637339 (0xFFEBB4DB)
YUV	200.8910, 8.9277, 29.9136
Hunter-Lab	74.4428, 21.6950, -7.1323

Details

The YIQ color $200.8910, 20.2610, 23.7890$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $214.1090, -20.2610, -23.7890$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.8470, 5.2250, 9.9370$, and $146.7660, 19.1150, 22.5310$ is the 20% darker color. If you saturate the color by 10%, you get $186.0050, 29.1080, 34.1640$, and if you desaturate by 10%, it is $215.1900, 11.6890, 13.9370$.

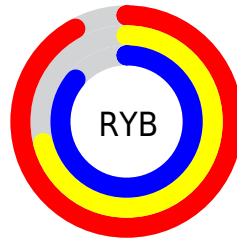
Distribution



Red (92%)

Green (71%)

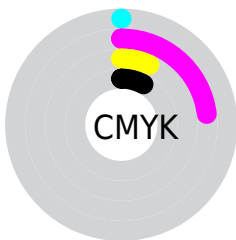
Blue (86%)



Red (92%)

Yellow (71%)

Blue (86%)

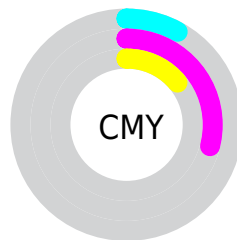


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (8%)



Cyan (8%)

Magenta (29%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.8910, 20.2610, 23.7890 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 200.8910, 20.2610, 23.7890 by changing the saturation by 10% instead.

200.8910, 20.2610,
23.7890

200.8910, 20.2610,
23.7890

255.0000, -0.0000,
-0.0000

173.4780, 19.9860,
23.2660

243.8470, 5.2250,
9.9370

146.7660, 19.1150,
22.5310

120.4670, 18.5190,
22.3190

95.3420, 17.3730,
21.0610

71.0430, 16.7770,
20.8490

47.3310, 15.9060,
20.1140

24.1460, 14.9890,

20.2130

■ 12.0760, 12.0100,
13.6260

■ 0.0000, 0.0000,
0.0000

■ 200.8910, 20.2610,
23.7890

■ 200.8910, 20.2610,
23.7890

■ 186.0050, 29.1080,
34.1640

■ 215.1900, 11.6890,
13.9370

■ 171.7060, 37.6800,
44.0160

■ 230.0760, 2.8420,
3.5620

■ 156.8200, 46.5270,
54.3910

■ 244.3750, -5.7300,
-6.2900

■ 142.6350, 54.7780,
64.5540

■ 247.9940, -9.0310,
-7.0390

■ 127.7490, 63.6250,
74.9290

■ 248.7920,
-11.2780, -4.8620

■ 113.4500, 72.1970,
84.7810

■ 249.0200,
-11.9200, -4.2400

■ 98.5640, 81.0440,
95.1560

■ 89.3030, 86.4530,
101.7570

Harmonies

Analogous

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



199.6090, -5.3680, 20.2000



200.8910, 20.2610, 23.7890



200.2380, 38.0970, 19.9290

Triad

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



200.8910, 20.2610, 23.7890



194.4430, 25.9530, -13.3030



184.0170, -60.5640, -14.7400

Complementary

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



200.8910, 20.2610, 23.7890



214.1090, -20.2610, -23.7890

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.



184.1460, -48.0460, -21.3420



200.8910, 20.2610, 23.7890



191.4940, 3.5800, -20.8360

Square

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



200.8910, 20.2610, 23.7890



196.9060, 41.1270, -1.9530



187.5540, -23.0120, -23.4920



188.5160, -54.2390, -2.7110

Rectangle

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



200.8910, 20.2610, 23.7890



199.4850, 44.4710, 14.5430



187.5540, -23.0120, -23.4920



183.6920, -58.2710, -17.7510

Sweetspot

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



200.8910, 20.2610, 23.7890



243.8640, 6.5550, 7.8590



191.0540, -8.1190, 20.4970



121.2010, 3.9880, 4.8200



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.



200.8910, 20.2610, 23.7890



210.9290, 26.2660, 30.6020



197.8130, 28.9280, 15.3920



110.2010, 3.9880, 4.8200



68.7110, 66.7880, 78.1800



20.4780, 19.9860, 23.2660

Inverse Universe

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



200.8910, 20.2610, 23.7890



210.9290, 26.2660, 30.6020



217.1870, -28.9280, -15.3920



110.2010, 3.9880, 4.8200



68.7110, 66.7880, 78.1800



20.4780, 19.9860, 23.2660

Previews

White Background



This preview shows how the YIQ color 200.8910, 20.2610, 23.7890 looks on a white background.

Color Contrast Check

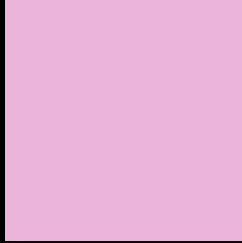
Large Text (above 18pt) WCAG AA × Fail

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 200.8910, 20.2610, 23.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

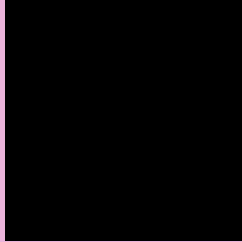
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.8910, 20.2610, 23.7890

Background



This preview shows how black text looks on a background with the YIQ color 200.8910, 20.2610, 23.7890.



This preview shows how white text looks on a background with the YIQ color 200.8910, 20.2610,

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

200.8910, 20.2610, 23.7890

Protanopia

197.3810, -13.8940, 9.5140

Deuteranopia

198.4490, 0.5940, 11.2660



Tritanopia

199.9480, 24.1140, 14.5300

Trichromacy



Original Color

200.8910, 20.2610, 23.7890

Protanomaly

198.7740, -1.6990, 14.2770

Deuteranomaly

199.5040, 7.9290, 16.0010

Tritanomaly

200.5720, 22.4170, 17.7530

Monochromacy



Original Color

200.8910, 20.2610, 23.7890

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.6900, 7.1050, 8.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.8910, 20.2610, 23.7890 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, 180, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 180, 219)  
}
```

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, 180, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 180, 219) }
```

Border

The CSS property to change the border of an element to YIQ 200.8910, 20.2610, 23.7890 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, 180, 219) }
```


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

```
.border{ border-color:rgb(235, 180, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 180, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 180, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 180, 219);  
box-shadow:4px 4px 4px 4px rgb(235, 180,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 200.8910, 20.2610, 23.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 180, 219) }
```

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

```
.background{ background-color: rgb(235,  
180, 219) }
```

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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