

Converting Colors

YIQ(206.8020, 10.2660, 23.2100)

Have a look what the booklet for
YIQ(206.8020, 10.2660, 23.2100)
contains.

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Color

**YIQ(206.8020, 10.2660,
23.2100)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7BDEB |
| RGB | 231, 189, 235 |
| RGB Percent | 91%, 74%, 92% |
| CMY | 0.0940, 0.2589, 0.0784 |
| CMYK | 0.02, 0.20, 0.00, 0.08 |
| HSL | 295°, 54%, 83% |
| HSV | 295°, 20%, 92% |
| XYZ | 66.1550, 59.3803, 86.5730 |
| YIQ | 206.8020, 10.2660, 23.2100 |

Conversions

Conversions Part 2

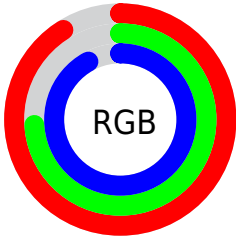
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 231, 189, 235 |
| Decimal | 15187435 |
| CIE Lab | 81.50, 22.85, -17.18 |
| CIE LCh | 82, 28.588, 323.062 |
| Yxy | 59.3803, 0.3119, 0.2800 |
| Android (android.graphics.Color) | 4293377515 (0xFFE7BDEB) |
| YUV | 206.8020, 13.9016, 21.2216 |
| Hunter-Lab | 77.0586, 18.3902, -12.6695 |

Details

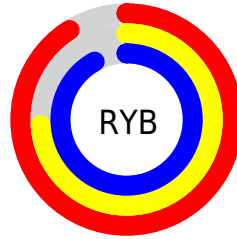
The YIQ color $206.8020, 10.2660, 23.2100$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $217.1980, -10.2660, -23.2100$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $249.1300, 2.7500, 5.2300$, and $151.9760, 9.7160, 22.1640$ is the 20% darker color. If you saturate the color by 10%, you get $192.1160, 15.6740, 35.3380$, and if you desaturate by 10%, it is $220.9010, 5.1330, 11.6050$.

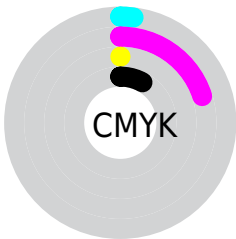
Distribution



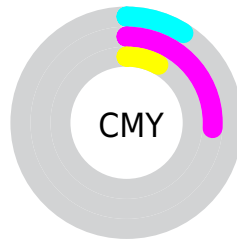
- Red (91%)
- Green (74%)
- Blue (92%)



- Red (91%)
- Yellow (74%)
- Blue (92%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.8020, 10.2660, 23.2100 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 206.8020, 10.2660, 23.2100 by changing the saturation by 10% instead.

■ 206.8020, 10.2660,
23.2100

■ 206.8020, 10.2660,
23.2100

255.0000, -0.0000,
-0.0000

■ 179.3890, 9.9910,
22.6870

■ 249.1300, 2.7500,
5.2300

■ 151.9760, 9.7160,
22.1640

■ 126.1500, 9.1660,
21.1180

■ 100.7370, 8.8910,
20.5950

■ 76.9110, 8.3410,
19.5490

■ 53.1990, 7.4700,
18.8140

■ 30.7860, 7.1950,

18.2910

■ 13.0310, 7.8830,
16.8350

■ 0.6840, -1.9260,
1.8660

■ 206.8020, 10.2660,
23.2100

■ 206.8020, 10.2660,
23.2100

■ 192.1160, 15.6740,
35.3380

■ 220.9010, 5.1330,
11.6050

■ 178.0170, 20.8070,
46.9430

■ 235.5870, -0.2750,
-0.5230

■ 163.3310, 26.2150,
59.0710

■ 247.3380, -4.3080,
-10.0360

■ 149.2320, 31.3480,
70.6760

■ 247.9360, -3.1160,
-9.6120

134.5460, 36.7560,
82.8040

248.5340, -1.9240,
-9.1880

120.4470, 41.8890,
94.4090

249.1320, -0.7320,
-8.7640

105.7610, 47.2970,
106.5370

249.7300, 0.4600,
-8.3400

91.6620, 52.4300,
118.1420

250.3280, 1.6520,
-7.9160

91.0750, 52.7050,
118.6650

250.9260, 2.8440,
-7.4920

Harmonies

Analogous

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



204.1560, -17.3340, 16.7940



206.8020, 10.2660, 23.2100



207.2960, 32.1820, 22.5020

Triad

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



206.8020, 10.2660, 23.2100



202.0850, 33.0130, -9.0910



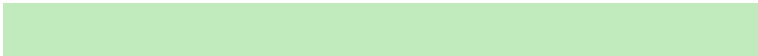
189.7630, -57.0330, -18.1610

Complementary

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



206.8020, 10.2660, 23.2100



217.1980, -10.2660, -23.2100

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.



191.7680, -38.2340, -22.9540



206.8020, 10.2660, 23.2100



198.7510, 13.1620, -18.2780

Square

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



206.8020, 10.2660, 23.2100



204.0360, 43.8770, 3.2770



195.8280, -12.1000, -23.0120



192.6030, -59.0980, -8.2660

Rectangle

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



206.8020, 10.2660, 23.2100



205.5540, 40.0230, 18.0630



195.8280, -12.1000, -23.0120



190.6340, -52.3560, -20.3240

Sweetspot

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



206.8020, 10.2660, 23.2100



245.8960, 3.5290, 7.6330



197.1790, -16.1410, 11.6910



122.4180, 1.8790, 4.4950



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.



206.8020, 10.2660, 23.2100



218.8720, 13.2450, 29.7970



205.9460, 18.4280, 18.4600



110.2440, 2.4290, 5.5410



69.9690, 40.2390, 91.2710



20.8070, 11.8700, 27.1820

Inverse Universe

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



203.2100, 26.1320, 10.9960



214.2110, 33.5590, 14.0630



218.0540, -18.4280, -18.4600



109.4030, 6.2350, 2.6430



55.9430, 102.7400, 43.3480



16.7160, 30.5790, 13.0030

Previews

White Background



This preview shows how the YIQ color 206.8020, 10.2660, 23.2100 looks on a white background.

Color Contrast Check

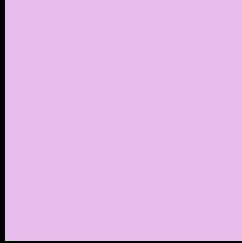
Large Text (above 18pt) WCAG AA × Fail

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 206.8020, 10.2660, 23.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

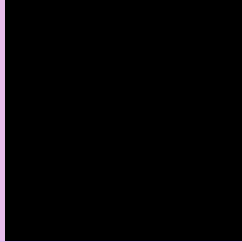
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.8020, 10.2660, 23.2100

Background



This preview shows how black text looks on a background with the YIQ color 206.8020, 10.2660, 23.2100.



This preview shows how white text looks on a background with the YIQ color 206.8020, 10.2660,

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

206.8020, 10.2660, 23.2100

Protanopia

203.6950, -17.6540, 11.5780

Deuteranopia

204.9800, -5.2750, 13.0050



Tritanopia

205.5770, 14.8530, 11.6610

Trichromacy



Original Color

206.8020, 10.2660, 23.2100

Protanomaly

204.8920, -7.8430, 15.4930

Deuteranomaly

205.7250, -0.0030, 16.5810

Tritanomaly

205.7280, 13.1100, 15.7180

Monochromacy



Original Color

206.8020, 10.2660, 23.2100

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.7220, 4.0790, 8.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.8020, 10.2660, 23.2100 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(231, 189, 235)` looks like.

```
.text, #text, p{  
    color:rgb(231, 189, 235)  
}
```

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(231, 189, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 189, 235) }
```

Border

The CSS property to change the border of an element to YIQ 206.8020, 10.2660, 23.2100 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(231, 189, 235) }
```


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

```
.border{ border-color:rgb(231, 189, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 189, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 189, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 189, 235);  
box-shadow:4px 4px 4px 4px rgb(231, 189,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 206.8020, 10.2660, 23.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 189, 235) }
```

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

```
.background{ background-color: rgb(231,  
189, 235) }
```

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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