

Converting Colors

YIQ(197.1700, 23.6090, 18.1770)

Have a look what the booklet for
YIQ(197.1700, 23.6090, 18.1770)
contains.

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Color

**YIQ(197.1700, 23.6090,
18.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B3CA
RGB	231, 179, 202
RGB Percent	91%, 70%, 79%
CMY	0.0940, 0.2981, 0.2078
CMYK	0.00, 0.23, 0.13, 0.09
HSL	333°, 52%, 80%
HSV	333°, 23%, 91%
XYZ	59.7451, 53.4914, 63.0651
YIQ	197.1700, 23.6090, 18.1770

Conversions

Conversions Part 2

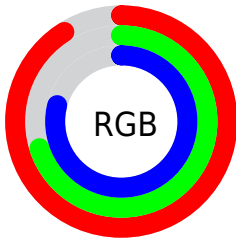
Format	Color
RYB	231, 179, 202
Decimal	15184842
CIELab	78.16, 22.43, -4.36
CIElCh	78, 22.850, 348.994
Yxy	53.4914, 0.3389, 0.3034
Android (android.graphics.Color)	4293374922 (0xFFE7B3CA)
YUV	197.1700, 2.3812, 29.6689
Hunter-Lab	73.1378, 17.8224, 0.0721

Details

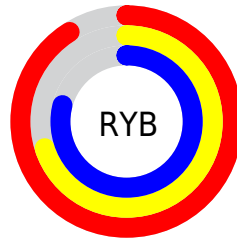
The YIQ color $197.1700, 23.6090, 18.1770$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $212.8300, -23.6090, -18.1770$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $143.1590, 22.1420, 17.2300$ is the 20% darker color. If you saturate the color by 10%, you get $182.1870, 34.1070, 26.1630$, and if you desaturate by 10%, it is $212.1530, 13.1110, 10.1910$.

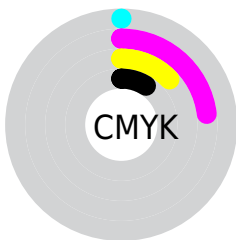
Distribution



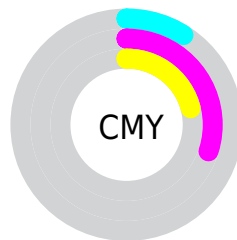
- Red (91%)
- Green (70%)
- Blue (79%)



- Red (91%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (23%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.1700, 23.6090, 18.1770 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 197.1700, 23.6090, 18.1770 by changing the saturation by 10% instead.


 197.1700, 23.6090,
18.1770


 197.1700, 23.6090,
18.1770


255.0000, -0.0000,
-0.0000


 169.8710, 23.0130,
17.9650


 243.2600, 5.5000,
10.4600

 143.1590, 22.1420,
17.2300

 117.4470, 21.2710,
16.4950

 92.1480, 20.6750,
16.2830

 68.2510, 18.8870,
15.6470

 45.5390, 18.0160,
14.9120

 22.4680, 16.7780,

15.3220

■ 8.5290, 14.8080,
6.9680

■ 0.0000, 0.0000,
0.0000

■ 197.1700, 23.6090,
18.1770

■ 197.1700, 23.6090,
18.1770

■ 182.1870, 34.1070,
26.1630

■ 212.1530, 13.1110,
10.1910

■ 167.2040, 44.6050,
34.1490

■ 227.1360, 2.6130,
2.2050

■ 152.2210, 55.1030,
42.1350

■ 242.1190, -7.8850,
-5.7810

■ 137.3520, 65.2800,
50.4320

■ 247.7100,
-13.9830, -5.3990

■ 121.7820, 76.0530,
58.9410

■ 247.8240,
-14.3040, -5.0880

■ 106.7990, 86.5510,
66.9270

■ 91.8160, 97.0490,
74.9130

■ 80.6970, 104.9340,
80.6940

Harmonies

Analogous

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



196.8890, 5.4070, 17.6550



197.1700, 23.6090, 18.1770



196.4560, 34.2470, 12.6070

Triad

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



197.1700, 23.6090, 18.1770



190.7990, 13.2070, -13.5850



186.3720, -45.2060, -6.7260

Complementary

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



197.1700, 23.6090, 18.1770



212.8300, -23.6090, -18.1770

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.



184.1840, -42.0410, -14.5290



197.1700, 23.6090, 18.1770



188.5130, -6.5990, -18.0790

Square

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



197.1700, 23.6090, 18.1770



193.1540, 28.5650, -5.5710



185.8620, -26.6350, -18.4030



190.4430, -34.8000, 2.9280

Rectangle

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



197.1700, 23.6090, 18.1770



195.6640, 36.3570, 7.4050



185.8620, -26.6350, -18.4030



185.0790, -45.9390, -9.9630

Sweetspot

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



197.1700, 23.6090, 18.1770



243.2940, 8.1600, 6.3040



193.5990, 0.5920, 22.3200



120.8590, 4.9510, 3.8870



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.



197.1700, 23.6090, 18.1770



210.1650, 31.1730, 24.2690



196.3090, 30.1670, 9.4550



107.1580, 5.5470, 4.0990



62.5270, 81.3250, 62.5170



17.8710, 23.0130, 17.9650

Inverse Universe

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



197.1700, 23.6090, 18.1770



210.1650, 31.1730, 24.2690



213.6910, -30.1670, -9.4550



107.1580, 5.5470, 4.0990



62.5270, 81.3250, 62.5170



17.8710, 23.0130, 17.9650

Previews

White Background



This preview shows how the YIQ color 197.1700, 23.6090, 18.1770 looks on a white background.

Color Contrast Check

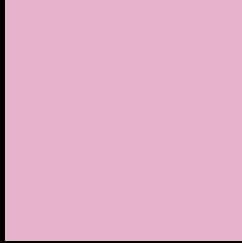
Large Text (above 18pt) WCAG AA × Fail

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 197.1700, 23.6090, 18.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

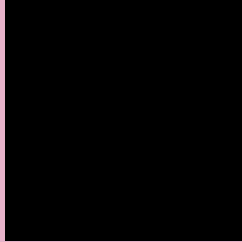
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.1700, 23.6090, 18.1770

Background



This preview shows how black text looks on a background with the YIQ color 197.1700, 23.6090, 18.1770.



This preview shows how white text looks on a background with the YIQ color 197.1700, 23.6090,

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

197.1700, 23.6090, 18.1770

Protanopia

194.0520, -5.7780, 5.5980

Deuteranopia

195.6470, 8.6640, 8.1840



Tritanopia

196.5460, 25.3060, 14.9540

Trichromacy



Original Color

197.1700, 23.6090, 18.1770

Protanomaly

194.9610, 4.9040, 10.2480

Deuteranomaly

196.3920, 13.9360, 11.7600

Tritanomaly

196.8880, 24.3430, 15.8870

Monochromacy



Original Color

197.1700, 23.6090, 18.1770

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.7070, 8.4350, 6.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.1700, 23.6090, 18.1770 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, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(231, 179, 202)  
}
```

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, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 179, 202) }
```

Border

The CSS property to change the border of an element to YIQ 197.1700, 23.6090, 18.1770 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, 179, 202) }
```


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

```
.border{ border-color:rgb(231, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(231, 179,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 197.1700, 23.6090, 18.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 179, 202) }
```

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

```
.background{ background-color: rgb(231,  
179, 202) }
```

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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