

Converting Colors

YIQ(197.9830, 17.0060, 22.2060)

Have a look what the booklet for
YIQ(197.9830, 17.0060, 22.2060)
contains.

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Color

**YIQ(197.9830, 17.0060,
22.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B3D9
RGB	228, 179, 217
RGB Percent	89%, 70%, 85%
CMY	0.1057, 0.2981, 0.1490
CMYK	0.00, 0.22, 0.05, 0.11
HSL	313°, 48%, 80%
HSV	313°, 22%, 89%
XYZ	60.6479, 53.7421, 72.8290
YIQ	197.9830, 17.0060, 22.2060

Conversions

Conversions Part 2

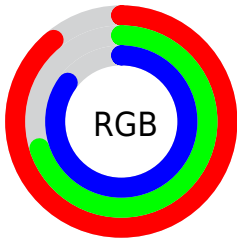
Format	Color
R _Y B	228, 179, 217
Decimal	14988249
CIE Lab	78.31, 23.94, -12.30
CIE LCh	78, 26.919, 332.803
Yxy	53.7421, 0.3239, 0.2871
Android (android.graphics.Color)	4293178329 (0xFFE4B3D9)
YUV	197.9830, 9.3754, 26.3249
Hunter-Lab	73.3090, 19.3808, -7.5855

Details

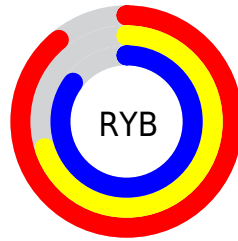
The YIQ color $197.9830, 17.0060, 22.2060$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $209.0170, -17.0060, -22.2060$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $143.8580, 15.8600, 20.9480$ is the 20% darker color. If you saturate the color by 10%, you get $183.9120, 24.9360, 32.6800$, and if you desaturate by 10%, it is $212.0540, 9.0760, 11.7320$.

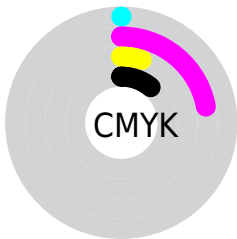
Distribution



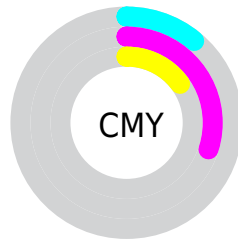
- Red (89%)
- Green (70%)
- Blue (85%)



- Red (89%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.9830, 17.0060, 22.2060 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 197.9830, 17.0060, 22.2060 by changing the saturation by 10% instead.


 197.9830, 17.0060,
22.2060


 197.9830, 17.0060,
22.2060


255.0000, -0.0000,
-0.0000


 170.5700, 16.7310,
21.6830


 243.2600, 5.5000,
10.4600

 143.8580, 15.8600,
20.9480

 118.1460, 14.9890,
20.2130

 92.7330, 14.7140,
19.6900

 69.0210, 13.8430,
18.9550

 45.7220, 13.2470,
18.7430

 23.1240, 12.0550,

18.3190

■ 9.7550, 8.4800,
11.5200

■ 0.0000, 0.0000,
0.0000

■ 197.9830, 17.0060,
22.2060

■ 197.9830, 17.0060,
22.2060

■ 183.9120, 24.9360,
32.6800

■ 212.0540, 9.0760,
11.7320

■ 169.8410, 32.8660,
43.1540

■ 226.1250, 1.1460,
1.2580

■ 156.3570, 40.5210,
53.1050

■ 239.6090, -6.5090,
-8.6930

■ 142.2860, 48.4510,
63.5790

■ 244.9890,
-10.6350, -11.0110

128.1010, 56.7020,
73.7420

245.5590,
-12.2400, -9.4560

114.0300, 64.6320,
84.2160

246.1290,
-13.8450, -7.9010

99.9590, 72.5620,
94.6900

246.6990,
-15.4500, -6.3460

88.3500, 79.0710,
103.3830

246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



196.1850, -7.1100, 18.7300



197.9830, 17.0060, 22.2060



197.8570, 34.7960, 19.1800

Triad

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



197.9830, 17.0060, 22.2060



192.4970, 25.8610, -11.6350



182.7680, -55.4290, -14.1890

Complementary

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



197.9830, 17.0060, 22.2060



209.0170, -17.0060, -22.2060

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.



183.1960, -42.3150, -20.5790



197.9830, 17.0060, 22.2060



189.3310, 5.5970, -18.8430

Square

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



197.9830, 17.0060, 22.2060



194.4760, 39.5220, -0.3980



186.3480, -19.4360, -22.2200



185.9570, -51.1670, -3.3190

Rectangle

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



197.9830, 17.0060, 22.2060



196.5170, 41.4450, 14.3170



186.3480, -19.4360, -22.2200



182.4430, -53.1360, -17.2000

Sweetspot

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



197.9830, 17.0060, 22.2060



245.8530, 5.0880, 6.9120



187.8750, -9.1730, 17.5710



122.3750, 3.4380, 3.7740



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.



197.9830, 17.0060, 22.2060



214.5480, 22.9650, 29.8530



195.2470, 24.7100, 14.7420



107.6140, 4.2630, 5.3430



69.2530, 62.3860, 80.8660



19.8090, 17.5560, 23.2520

Inverse Universe

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



197.9830, 17.0060, 22.2060



214.5480, 22.9650, 29.8530



211.7530, -24.7100, -14.7420



107.6140, 4.2630, 5.3430



69.2530, 62.3860, 80.8660



19.8090, 17.5560, 23.2520

Previews

White Background



This preview shows how the YIQ color 197.9830, 17.0060, 22.2060 looks on a white background.

Color Contrast Check

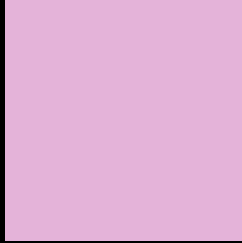
Large Text (above 18pt) WCAG AA × Fail

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 197.9830, 17.0060, 22.2060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

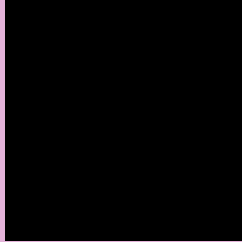
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.9830, 17.0060, 22.2060

Background



This preview shows how black text looks on a background with the YIQ color 197.9830, 17.0060, 22.2060.



This preview shows how white text looks on a background with the YIQ color 197.9830, 17.0060,

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

197.9830, 17.0060, 22.2060

Protanopia

194.6800, -13.2980, 9.7260

Deuteranopia

196.1500, -0.0020, 11.0540



Tritanopia

197.1540, 20.5380, 13.2580

Trichromacy



Original Color

197.9830, 17.0060, 22.2060

Protanomaly

195.8880, -2.0200, 14.5880

Deuteranomaly

196.6070, 6.1410, 15.3650

Tritanomaly

197.6640, 19.1620, 16.1700

Monochromacy



Original Color

197.9830, 17.0060, 22.2060

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9780, 6.2340, 8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.9830, 17.0060, 22.2060 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(228, 179, 217)` looks like.

```
.text, #text, p{  
    color:rgb(228, 179, 217)  
}
```

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(228, 179, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 179, 217) }
```

Border

The CSS property to change the border of an element to YIQ 197.9830, 17.0060, 22.2060 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(228, 179, 217) }
```


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

```
.border{ border-color:rgb(228, 179, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 179, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 179, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 179, 217);  
box-shadow:4px 4px 4px 4px rgb(228, 179,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 197.9830, 17.0060, 22.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 179, 217) }
```

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

```
.background{ background-color: rgb(228,  
179, 217) }
```

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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