

Converting Colors

YIQ(201.3630, 12.8800, 19.8880)

Have a look what the booklet for
YIQ(201.3630, 12.8800, 19.8880)
contains.

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Color

**YIQ(201.3630, 12.8800,
19.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B9DD
RGB	226, 185, 221
RGB Percent	89%, 73%, 87%
CMY	0.1136, 0.2746, 0.1333
CMYK	0.00, 0.18, 0.02, 0.11
HSL	307°, 41%, 81%
HSV	307°, 18%, 89%
XYZ	61.7709, 56.0852, 75.9806
YIQ	201.3630, 12.8800, 19.8880

Conversions

Conversions Part 2

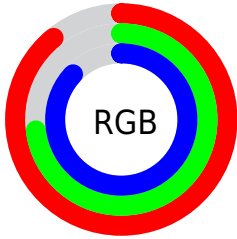
Format	Color
R _Y B	226, 185, 221
Decimal	14858717
CIE Lab	79.66, 20.76, -12.46
CIE LCh	80, 24.212, 329.025
Yxy	56.0852, 0.3187, 0.2893
Android (android.graphics.Color)	4293048797 (0xFFE2B9DD)
YUV	201.3630, 9.6810, 21.6066
Hunter-Lab	74.8901, 16.1730, -7.7303

Details

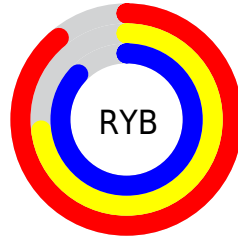
The YIQ color $201.3630, 12.8800, 19.8880$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $209.6370, -12.8800, -19.8880$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7820, 3.8500, 7.3220$, and $147.2380, 11.7340, 18.6300$ is the 20% darker color. If you saturate the color by 10%, you get $187.5200, 20.1680, 30.9840$, and if you desaturate by 10%, it is $215.2060, 5.5920, 8.7920$.

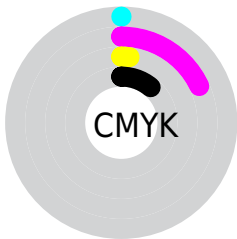
Distribution



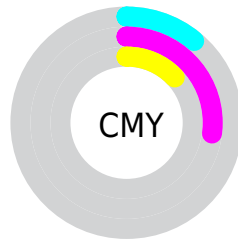
- Red (89%)
- Green (73%)
- Blue (87%)



- Red (89%)
- Yellow (73%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.3630, 12.8800, 19.8880 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 201.3630, 12.8800, 19.8880 by changing the saturation by 10% instead.


 201.3630, 12.8800,
19.8880


 201.3630, 12.8800,
19.8880


255.0000, -0.0000,
-0.0000


 173.9500, 12.6050,
19.3650


 246.7820, 3.8500,
7.3220

 147.2380, 11.7340,
18.6300

 121.2380, 11.7340,
18.6300

 96.4120, 11.1840,
17.5840

 71.9990, 10.9090,
17.0610

 49.2870, 10.0380,
16.3260

 27.5750, 9.1670,

15.5910

■ 10.8090, 8.3880,
13.1880

■ 0.0000, 0.0000,
0.0000

■ 201.3630, 12.8800,
19.8880

■ 201.3630, 12.8800,
19.8880

■ 187.5200, 20.1680,
30.9840

■ 215.2060, 5.5920,
8.7920

■ 174.2640, 27.1810,
41.5570

■ 228.4620, -1.4210,
-1.7810

■ 160.5350, 34.1480,
52.9640

■ 242.1910, -8.3880,
-13.1880

■ 147.2790, 41.1610,
63.5370

■ 243.7070, -9.9010,
-13.3010

133.4360, 48.4490,
74.6330

244.0490,
-10.8640, -12.3680

119.5930, 55.7370,
85.7290

244.3910,
-11.8270, -11.4350

106.4510, 62.4290,
96.6130

244.6190,
-12.4690, -10.8130

92.6080, 69.7170,
107.7090

244.9610,
-13.4320, -9.8800

90.1460, 71.1380,
109.4900

245.3030,
-14.3950, -8.9470

Harmonies

Analogous

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



199.5220, -9.6770, 15.6910



201.3630, 12.8800, 19.8880



200.9920, 29.9820, 18.3180

Triad

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



201.3630, 12.8800, 19.8880



196.7790, 25.1270, -9.3450



188.1880, -47.8640, -13.6240

Complementary

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



201.3630, 12.8800, 19.8880



209.6370, -12.8800, -19.8880

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.



188.3710, -35.4380, -18.5580



201.3630, 12.8800, 19.8880



194.2820, 7.2930, -16.5390

Square

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



201.3630, 12.8800, 19.8880



198.5620, 36.4040, 1.0440



191.2670, -14.7140, -19.6900



190.7680, -46.2610, -4.1250

Rectangle

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



201.3630, 12.8800, 19.8880



200.7660, 36.3100, 13.7660



191.2670, -14.7140, -19.6900



187.6890, -45.0210, -15.5890

Sweetspot

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



201.3630, 12.8800, 19.8880



247.1410, 4.2170, 6.1770



191.1690, -10.1810, 13.8110



123.1900, 2.5210, 3.8730



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.



201.3630, 12.8800, 19.8880



221.3300, 17.6470, 27.1110



199.0830, 19.3000, 13.6680



105.4290, 3.3460, 5.4420



70.1800, 55.4620, 85.2060



19.2540, 14.8050, 23.5490

Inverse Universe

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



201.3630, 12.8800, 19.8880



221.3300, 17.6470, 27.1110



211.9170, -19.3000, -13.6680



105.4290, 3.3460, 5.4420



70.1800, 55.4620, 85.2060



19.2540, 14.8050, 23.5490

Previews

White Background



This preview shows how the YIQ color 201.3630, 12.8800, 19.8880 looks on a white background.

Color Contrast Check

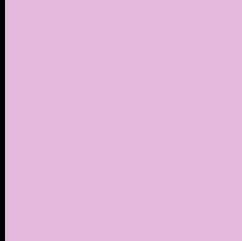
Large Text (above 18pt) WCAG AA × Fail

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 201.3630, 12.8800, 19.8880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

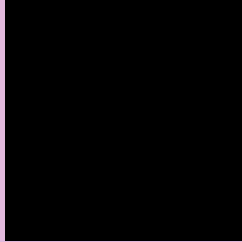
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.3630, 12.8800, 19.8880

Background



This preview shows how black text looks on a background with the YIQ color 201.3630, 12.8800, 19.8880.



This preview shows how white text looks on a background with the YIQ color 201.3630, 12.8800,

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

201.3630, 12.8800, 19.8880

Protanopia

198.4520, -12.6560, 9.1040

Deuteranopia

199.6770, -0.0480, 11.8880



Tritanopia

200.1750, 16.0450, 12.0850

Trichromacy



Original Color

201.3630, 12.8800, 19.8880

Protanomaly

199.3500, -3.4410, 12.8070

Deuteranomaly

200.0090, 4.9490, 14.9410

Tritanomaly

200.6850, 14.6690, 14.9970

Monochromacy



Original Color

201.3630, 12.8800, 19.8880

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9670, 4.7670, 7.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.3630, 12.8800, 19.8880 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(226, 185, 221)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 221)  
}
```

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(226, 185, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 221) }
```

Border

The CSS property to change the border of an element to YIQ 201.3630, 12.8800, 19.8880 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(226, 185, 221) }
```


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

```
.border{ border-color:rgb(226, 185, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 185, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 185, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 185, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 185,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 201.3630, 12.8800, 19.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 221) }
```

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

```
.background{ background-color: rgb(226,  
185, 221) }
```

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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