

Converting Colors

YIQ(201.0040, 12.5130, 21.0330)

Have a look what the booklet for
YIQ(201.0040, 12.5130, 21.0330)
contains.

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Color

**YIQ(201.0040, 12.5130,
21.0330)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B8DF
RGB	226, 184, 223
RGB Percent	89%, 72%, 87%
CMY	0.1136, 0.2785, 0.1255
CMYK	0.00, 0.19, 0.01, 0.11
HSL	304°, 42%, 80%
HSV	304°, 19%, 89%
XYZ	61.8308, 55.7755, 77.3225
YIQ	201.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

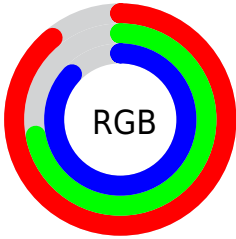
Format	Color
R _Y B	226, 184, 223
Decimal	14858463
CIE Lab	79.49, 21.66, -13.80
CIE LCh	79, 25.684, 327.491
Yxy	55.7755, 0.3172, 0.2861
Android (android.graphics.Color)	4293048543 (0xFFE2B8DF)
YUV	201.0040, 10.8440, 21.9215
Hunter-Lab	74.6830, 17.0865, -9.1073

Details

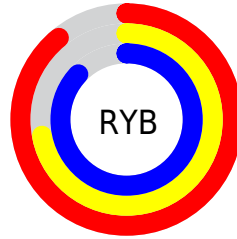
The YIQ color **201.0040, 12.5130, 21.0330** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208.9960, -12.5130, -21.0330**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.1950, 4.1250, 7.8450**, and **146.8790, 11.3670, 19.7750** is the 20% darker color. If you saturate the color by 10%, you get **187.2750, 19.4800, 32.4400**, and if you desaturate by 10%, it is **214.7330, 5.5460, 9.6260**.

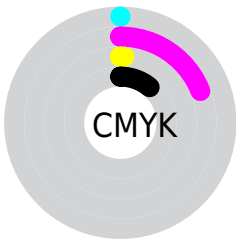
Distribution



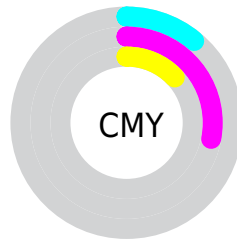
- Red (89%)
- Green (72%)
- Blue (87%)



- Red (89%)
- Yellow (72%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 201.0040, 12.5130, 21.0330 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 201.0040, 12.5130, 21.0330 by changing the saturation by 10% instead.


 201.0040, 12.5130,
21.0330

 201.0040, 12.5130,
21.0330


255.0000, -0.0000,
-0.0000


 173.5910, 12.2380,
20.5100


 246.1950, 4.1250,
7.8450

 146.8790, 11.3670,
19.7750

 120.7650, 11.6880,
19.4640

 96.0530, 10.8170,
18.7290

 71.6400, 10.5420,
18.2060

 48.6290, 9.0750,
17.2590

 26.8030, 8.5250,

16.2130

■ 10.9230, 8.0670,
13.4990

■ 0.0000, 0.0000,
0.0000

■ 201.0040, 12.5130,
21.0330

■ 201.0040, 12.5130,
21.0330

■ 187.2750, 19.4800,
32.4400

■ 214.7330, 5.5460,
9.6260

■ 174.2470, 25.8510,
43.6350

■ 227.7610, -0.8250,
-1.5690

■ 160.5180, 32.8180,
55.0420

■ 241.4900, -7.7920,
-12.9760

■ 147.3760, 39.5100,
65.9260

■ 243.4790, -9.2590,
-13.9230

133.7610, 46.1560,
77.6440

243.5930, -9.5800,
-13.6120

120.0320, 53.1230,
89.0510

243.8210,
-10.2220, -12.9900

107.0040, 59.4940,
100.2460

243.9350,
-10.5430, -12.6790

93.2750, 66.4610,
111.6530

244.1630,
-11.1850, -12.0570

91.5140, 67.2860,
113.2220

244.3910,
-11.8270, -11.4350

Harmonies

Analogous

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



199.1520, -11.5110, 15.8890



201.0040, 12.5130, 21.0330



201.1170, 31.1280, 19.5760

Triad

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



201.0040, 12.5130, 21.0330



196.3340, 27.8780, -9.6420



186.6930, -50.8440, -14.6840

Complementary

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



201.0040, 12.5130, 21.0330



208.9960, -12.5130, -21.0330

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.



187.2460, -36.5840, -19.8160



201.0040, 12.5130, 21.0330



193.2390, 8.8520, -17.2600

Square

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



201.0040, 12.5130, 21.0330



198.2310, 38.8340, 1.0580



190.6260, -14.3470, -20.8350



189.2020, -50.4790, -4.7750

Rectangle

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



201.0040, 12.5130, 21.0330



200.1900, 38.0520, 15.2360



190.6260, -14.3470, -20.8350



186.0800, -47.6800, -16.9600

Sweetspot

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



201.0040, 12.5130, 21.0330



246.0810, 4.4460, 7.5340



189.6850, -11.6940, 13.6980



122.6030, 2.7960, 4.3960



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.



201.0040, 12.5130, 21.0330



221.6720, 16.6840, 28.0440



198.6100, 19.2540, 14.5020



105.4290, 3.3460, 5.4420



71.2060, 52.5730, 88.0050



19.4820, 14.1630, 24.1710

Inverse Universe

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



201.0040, 12.5130, 21.0330



221.6720, 16.6840, 28.0440



211.3900, -19.2540, -14.5020



105.4290, 3.3460, 5.4420



71.2060, 52.5730, 88.0050



19.4820, 14.1630, 24.1710

Previews

White Background



This preview shows how the YIQ color 201.0040, 12.5130, 21.0330 looks on a white background.

Color Contrast Check

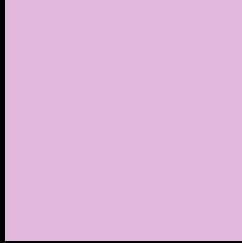
Large Text (above 18pt) WCAG AA × Fail

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 201.0040, 12.5130, 21.0330 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 201.0040, 12.5130, 21.0330

Background



This preview shows how black text looks on a background with the YIQ color 201.0040, 12.5130, 21.0330.

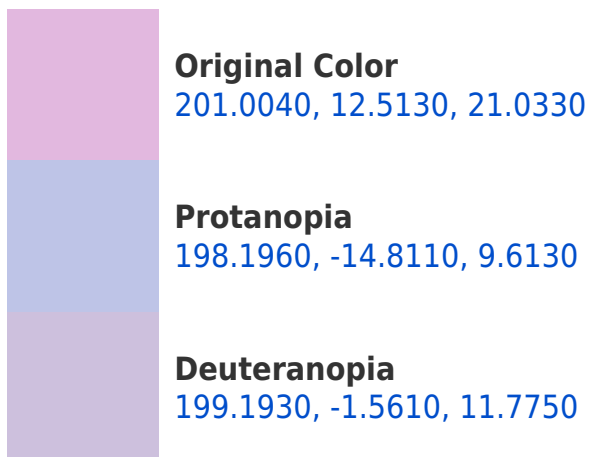


This preview shows how white text looks on a background with the YIQ color 201.0040, 12.5130,

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





Tritanopia

200.0610, 16.3660, 11.7740

Trichromacy



Original Color

201.0040, 12.5130, 21.0330

Protanomaly

199.3930, -5.0000, 13.5280

Deuteranomaly

199.9380, 3.7110, 15.3510

Tritanomaly

200.6850, 14.6690, 14.9970

Monochromacy



Original Color

201.0040, 12.5130, 21.0330

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.0810, 4.4460, 7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.0040, 12.5130, 21.0330 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, 184, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 184, 223)  
}
```

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, 184, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 184, 223) }
```

Border

The CSS property to change the border of an element to YIQ 201.0040, 12.5130, 21.0330 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, 184, 223) }
```


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

```
.border{ border-color:rgb(226, 184, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 184, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 184, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 184, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 184,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 201.0040, 12.5130, 21.0330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 184, 223) }
```

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

```
.background{ background-color: rgb(226,  
184, 223) }
```

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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