

Converting Colors

YIQ(161.3100, 20.3990, 21.2870)

Have a look what the booklet for
YIQ(161.3100, 20.3990, 21.2870)
contains.

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Color

**YIQ(161.3100, 20.3990,
21.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	C28EAF
RGB	194, 142, 175
RGB Percent	76%, 56%, 69%
CMY	0.2391, 0.4432, 0.3137
CMYK	0.00, 0.27, 0.10, 0.24
HSL	322°, 30%, 66%
HSV	322°, 27%, 76%
XYZ	39.6666, 33.9094, 45.0192
YIQ	161.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

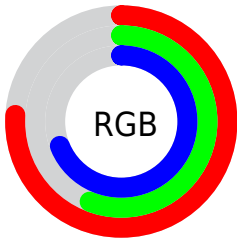
Format	Color
RYB	194, 142, 175
Decimal	12750511
CIELab	64.89, 24.98, -9.53
CIELCh	65, 26.740, 339.121
Yxy	33.9094, 0.3345, 0.2859
Android (android.graphics.Color)	4290940591 (0xFFC28EAF)
YUV	161.3100, 6.7492, 28.6691
Hunter-Lab	58.2318, 19.6858, -5.0751

Details

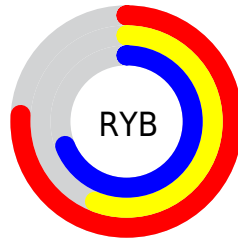
The YIQ color **161.3100, 20.3990, 21.2870** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.6900, -20.3990, -21.2870**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.4350, 21.5450, 22.5450**, and **109.2990, 18.9320, 20.3400** is the 20% darker color. If you saturate the color by 10%, you get **149.3590, 27.8710, 29.0470**, and if you desaturate by 10%, it is **173.2610, 12.9270, 13.5270**.

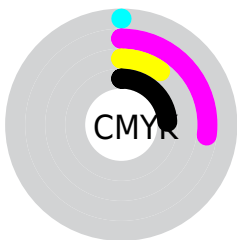
Distribution



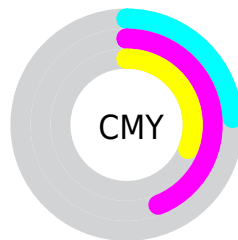
- Red (76%)
- Green (56%)
- Blue (69%)



- Red (76%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.3100, 20.3990, 21.2870 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 161.3100, 20.3990, 21.2870 by changing the saturation by 10% instead.

161.3100, 20.3990,
21.2870

161.3100, 20.3990,
21.2870

255.0000, -0.0000,
-0.0000

134.5980, 19.5280,
20.5520

216.4350, 21.5450,
22.5450

109.2990, 18.9320,
20.3400

236.8030, 8.5250,
16.2130

84.5870, 18.0610,
19.6050

253.8260, 0.5500,
1.0460

60.5760, 16.5940,
18.6580

37.2770, 15.9980,
18.4460

15.9780, 15.4020,
18.2340

2.3210, 3.5300,

2.1060

0.0000, 0.0000,
0.0000

161.3100, 20.3990,
21.2870

161.3100, 20.3990,
21.2870

149.3590, 27.8710,
29.0470

173.2610, 12.9270,
13.5270

136.8210, 35.6180,
37.3300

185.7990, 5.1800,
5.2440

124.8700, 43.0900,
45.0900

197.7500, -2.2920,
-2.5160

112.3320, 50.8370,
53.3730

210.2880,
-10.0390, -10.7990

100.3810, 58.3090,
61.1330

222.2390,
-17.5110, -18.5590

■ 88.3160, 66.1020,
68.5820

■ 232.5430,
-24.4790, -24.4390

■ 75.7780, 73.8490,
76.8650

■ 233.3410,
-26.7260, -22.2620

■ 72.0280, 76.1410,
79.3810

■ 234.1390,
-28.9730, -20.0850

■ 234.9370,
-31.2200, -17.9080

Harmonies

Analogous

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



160.5230, -2.2500, 18.7580



161.3100, 20.3990, 21.2870



160.6890, 35.2090, 17.2010

Triad

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



161.3100, 20.3990, 21.2870



155.2190, 20.7720, -13.0200



145.6370, -56.4380, -12.4220

Complementary

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



161.3100, 20.3990, 21.2870



174.6900, -20.3990, -21.2870

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.



145.9830, -46.0290, -19.3490



161.3100, 20.3990, 21.2870



152.6940, 0.1410, -19.0830

Square

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



161.3100, 20.3990, 21.2870



157.4430, 35.1210, -3.2390



148.9500, -24.0670, -20.8910



150.8650, -47.9120, -1.7360

Rectangle

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



161.3100, 20.3990, 21.2870



159.4520, 40.0700, 11.7020



148.9500, -24.0670, -20.8910



145.1270, -55.0620, -15.3340

Sweetspot

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



161.3100, 20.3990, 21.2870



239.4620, 7.7470, 8.2830



153.3100, -5.9640, 19.9880



119.7990, 5.1800, 5.2440



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.



161.3100, 20.3990, 21.2870



201.7340, 31.3090, 32.8210



158.4600, 28.4240, 13.5120



90.6740, 4.0340, 3.9860



59.7670, 63.2140, 65.8540



12.2610, 12.9270, 13.5270

Inverse Universe

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



161.3100, 20.3990, 21.2870



201.7340, 31.3090, 32.8210



177.5400, -28.4240, -13.5120



90.6740, 4.0340, 3.9860



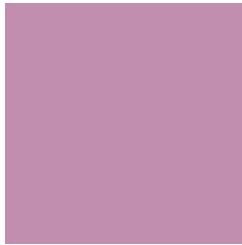
59.7670, 63.2140, 65.8540



12.2610, 12.9270, 13.5270

Previews

White Background



This preview shows how the YIQ color 161.3100, 20.3990, 21.2870 looks on a white background.

Color Contrast Check

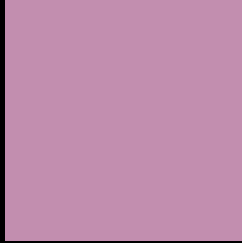
Large Text (above 18pt) WCAG AA × Fail

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 161.3100, 20.3990, 21.2870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

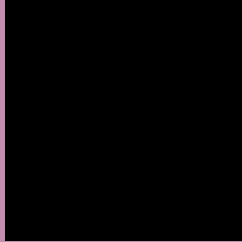
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.3100, 20.3990, 21.2870

Background



This preview shows how black text looks on a background with the YIQ color 161.3100, 20.3990, 21.2870.



This preview shows how white text looks on a background with the YIQ color 161.3100, 20.3990,

21.2870.

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

161.3100, 20.3990, 21.2870

Protanopia

157.9960, -11.3720, 7.8600

Deuteranopia

159.1670, 1.3280, 8.9760



Tritanopia

160.3070, 24.4810, 13.3850

Trichromacy



Original Color

161.3100, 20.3990, 21.2870

Protanomaly

159.2040, -0.0940, 12.7220

Deuteranomaly

159.9230, 8.0670, 13.4990

Tritanomaly

160.8170, 23.1050, 16.2970

Monochromacy



Original Color

161.3100, 20.3990, 21.2870

Achromatopsia

161.0000, -0.0000, -0.0000

Achromatomaly

161.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.3100, 20.3990, 21.2870 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(194, 142, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 142, 175)  
}
```

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(194, 142, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 142, 175) }
```

Border

The CSS property to change the border of an element to YIQ 161.3100, 20.3990, 21.2870 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(194, 142, 175) }
```


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

```
.border{ border-color:rgb(194, 142, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 142, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 142, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 142, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 142,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 161.3100, 20.3990, 21.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 142, 175) }
```

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

```
.background{ background-color: rgb(194,  
142, 175) }
```

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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