

Converting Colors

YIQ(185.9070, 23.3320, 28.7080)

Have a look what the booklet for
YIQ(185.9070, 23.3320, 28.7080)
contains.

YIQ(185.9070, 23.3320, 28.7080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(185.9070, 23.3320,
28.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A1D1
RGB	226, 161, 209
RGB Percent	89%, 63%, 82%
CMY	0.1135, 0.3687, 0.1803
CMYK	0.00, 0.29, 0.08, 0.11
HSL	316°, 53%, 76%
HSV	316°, 29%, 89%
XYZ	55.6293, 46.2607, 66.3280
YIQ	185.9070, 23.3320, 28.7080

Conversions

Conversions Part 2

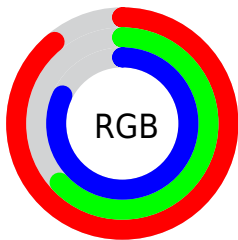
Format	Color
R _Y B	226, 161, 209
Decimal	14852561
CIE Lab	73.71, 31.54, -14.86
CIE LCh	74, 34.865, 334.770
Yxy	46.2607, 0.3307, 0.2750
Android (android.graphics.Color)	4293042641 (0xFFE2A1D1)
YUV	185.9070, 11.3848, 35.1616
Hunter-Lab	68.0153, 26.9674, -10.2085

Details

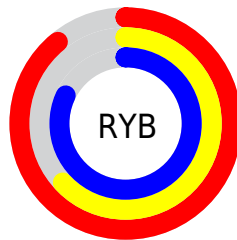
The YIQ color **185.9070, 23.3320, 28.7080** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.0930, -23.3320, -28.7080**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.1070, 10.7250, 20.3970**, and **132.4830, 21.5900, 27.2380** is the 20% darker color. If you saturate the color by 10%, you get **171.7220, 31.5830, 38.8710**, and if you desaturate by 10%, it is **200.0920, 15.0810, 18.5450**.

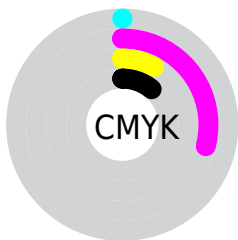
Distribution



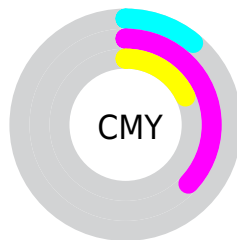
- Red (89%)
- Green (63%)
- Blue (82%)



- Red (89%)
- Yellow (63%)
- Blue (82%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (37%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.9070, 23.3320, 28.7080 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 185.9070, 23.3320, 28.7080 by changing the saturation by 10% instead.

 185.9070, 23.3320,
28.7080


 185.9070, 23.3320,
28.7080


255.0000, -0.0000,
-0.0000


 158.4940, 23.0570,
28.1850


 232.1070, 10.7250,
20.3970


 131.8960, 21.8650,
27.7610

 249.1300, 2.7500,
5.2300

 106.0700, 21.3150,
26.7150

 81.0590, 19.8480,
25.7680

 56.7600, 19.2520,
25.5560

 32.5750, 18.3350,
25.6550

 17.1460, 14.9890,

20.2130

■ 3.2330, 0.9620,
4.5940

■ 0.0000, 0.0000,
0.0000

■ 185.9070, 23.3320,
28.7080

■ 185.9070, 23.3320,
28.7080

■ 171.7220, 31.5830,
38.8710

■ 200.0920, 15.0810,
18.5450

■ 158.1240, 39.5590,
48.5110

■ 213.6900, 7.1050,
8.9050

■ 143.9390, 47.8100,
58.6740

■ 227.8750, -1.1460,
-1.2580

■ 130.3410, 55.7860,
68.3140

■ 241.4730, -9.1220,
-10.8980

116.1560, 64.0370,
78.4770

244.5050,
-12.1480, -11.1240

102.0850, 71.9670,
88.9510

245.1890,
-14.0740, -9.2580

88.4870, 79.9430,
98.5910

245.7590,
-15.6790, -7.7030

86.6120, 81.0890,
99.8490

246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



184.4610, -7.7070, 24.0450



185.9070, 23.3320, 28.7080



184.9940, 44.8360, 24.4520

Triad

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



185.9070, 23.3320, 28.7080



178.7870, 30.6760, -16.3000



161.0080, -82.7080, -20.9160

Complementary

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



185.9070, 23.3320, 28.7080



201.0930, -23.3320, -28.7080

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.



164.2150, -61.6620, -27.8860



185.9070, 23.3320, 28.7080



175.1580, 4.4060, -24.7940

Square

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



185.9070, 23.3320, 28.7080



181.5000, 48.1420, -2.4340



170.1680, -27.9170, -28.2130



168.5400, -71.9820, -6.0460

Rectangle

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



185.9070, 23.3320, 28.7080



183.4860, 51.8980, 17.6100



170.1680, -27.9170, -28.2130



161.0530, -78.5810, -24.1250

Sweetspot

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



185.9070, 23.3320, 28.7080



240.8150, 8.2510, 10.1630



173.1940, -11.3290, 23.6070



118.7390, 5.4090, 6.6010



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.



185.9070, 23.3320, 28.7080



200.1350, 31.8580, 39.3940



182.2590, 33.6040, 18.7560



105.2010, 3.9880, 4.8200



67.4440, 63.1660, 77.7420



18.4560, 17.0520, 21.3720

Inverse Universe

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



185.9070, 23.3320, 28.7080



200.1350, 31.8580, 39.3940



204.7410, -33.6040, -18.7560



105.2010, 3.9880, 4.8200



67.4440, 63.1660, 77.7420



18.4560, 17.0520, 21.3720

Previews

White Background



This preview shows how the YIQ color 185.9070, 23.3320, 28.7080 looks on a white background.

Color Contrast Check

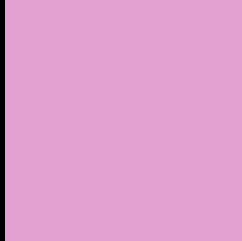
Large Text (above 18pt) WCAG AA × Fail

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 185.9070, 23.3320, 28.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

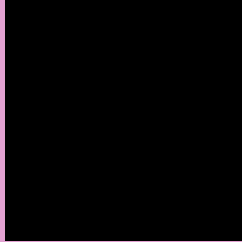
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.9070, 23.3320, 28.7080

Background



This preview shows how black text looks on a background with the YIQ color 185.9070, 23.3320, 28.7080.



This preview shows how white text looks on a background with the YIQ color 185.9070, 23.3320,

28.7080.

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

185.9070, 23.3320, 28.7080

Protanopia

182.3960, -18.2500, 11.3660

Deuteranopia

183.2960, -3.3490, 11.1390



Tritanopia

184.2260, 29.2030, 15.9150

Trichromacy



Original Color

185.9070, 23.3320, 28.7080

Protanomaly

183.6970, -2.8000, 17.7120

Deuteranomaly

184.0740, 6.3240, 17.5560

Tritanomaly

184.6050, 26.8180, 20.5940

Monochromacy



Original Color

185.9070, 23.3320, 28.7080

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.1140, 8.8470, 10.3750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.9070, 23.3320, 28.7080 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, 161, 209)` looks like.

```
.text, #text, p{  
    color:rgb(226, 161, 209)  
}
```

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, 161, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 161, 209) }
```

Border

The CSS property to change the border of an element to YIQ 185.9070, 23.3320, 28.7080 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, 161, 209) }
```


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

```
.border{ border-color:rgb(226, 161, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 161, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 161, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 161, 209); box-shadow:4px 4px 4px 4px rgb(226, 161, 209) }
```

Background

The CSS property to change the background color of an element to YIQ 185.9070, 23.3320, 28.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 161, 209) }
```

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

```
.background{ background-color: rgb(226,  
161, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor