

Converting Colors

YIQ(188.7100, 22.6890, 34.8570)

Have a look what the booklet for
YIQ(188.7100, 22.6890, 34.8570)
contains.

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Color

**YIQ(188.7100, 22.6890,
34.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A0DF
RGB	232, 160, 223
RGB Percent	91%, 63%, 87%
CMY	0.0900, 0.3726, 0.1254
CMYK	0.00, 0.31, 0.04, 0.09
HSL	308°, 61%, 77%
HSV	308°, 31%, 91%
XYZ	59.1824, 47.6242, 75.8926
YIQ	188.7100, 22.6890, 34.8570

Conversions

Conversions Part 2

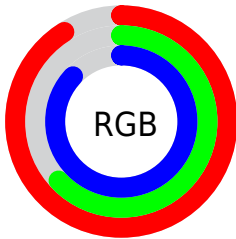
Format	Color
R _Y B	232, 160, 223
Decimal	15245535
CIE Lab	74.59, 36.50, -21.14
CIE LCh	75, 42.180, 329.917
Yxy	47.6242, 0.3239, 0.2607
Android (android.graphics.Color)	4293435615 (0xFFE8A0DF)
YUV	188.7100, 16.9050, 37.9653
Hunter-Lab	69.0103, 32.3114, -16.8957

Details

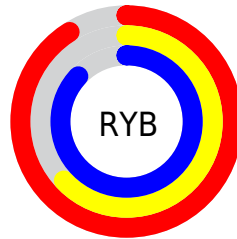
The YIQ color **188.7100, 22.6890, 34.8570** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.2900, -22.6890, -34.8570**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.1070, 10.7250, 20.3970**, and **134.2860, 20.9470, 33.3870** is the 20% darker color. If you saturate the color by 10%, you get **174.8670, 29.9770, 45.9530**, and if you desaturate by 10%, it is **202.5530, 15.4010, 23.7610**.

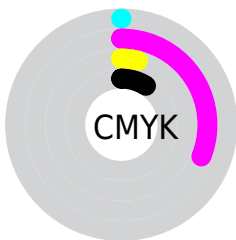
Distribution



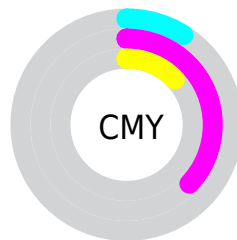
- Red (91%)
- Green (63%)
- Blue (87%)



- Red (91%)
- Yellow (63%)
- Blue (87%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.7100, 22.6890, 34.8570 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 188.7100, 22.6890, 34.8570 by changing the saturation by 10% instead.


 188.7100, 22.6890,
34.8570

 188.7100, 22.6890,
34.8570


255.0000, -0.0000,
-0.0000


 160.9980, 21.8180,
34.1220


 232.1070, 10.7250,
20.3970


 134.2860, 20.9470,
33.3870

 248.5430, 3.0250,
5.7530

 108.4600, 20.3970,
32.3410

 82.8620, 19.2050,
31.9170

 58.4490, 18.9300,
31.3940

 31.5030, 18.8380,
33.0620

 19.1830, 13.5670,

23.9590

■ 8.4170, 3.6200,
11.4920

■ 0.0000, 0.0000,
0.0000

■ 188.7100, 22.6890,
34.8570

■ 188.7100, 22.6890,
34.8570

■ 174.8670, 29.9770,
45.9530

■ 202.5530, 15.4010,
23.7610

■ 161.0240, 37.2650,
57.0490

■ 216.3960, 8.1130,
12.6650

■ 146.5940, 44.8280,
68.6680

■ 230.8260, 0.5500,
1.0460

■ 132.7510, 52.1160,
79.7640

■ 244.6690, -6.7380,
-10.0500

■ 118.9080, 59.4040,
90.8600

■ 246.1850, -8.2510,
-10.1630

■ 105.1790, 66.3710,
102.2670

■ 246.4130, -8.8930,
-9.5410

■ 92.5100, 73.1090,
112.3170

■ 246.7550, -9.8560,
-8.6080

■ 247.0970,
-10.8190, -7.6750

■ 247.4390,
-11.7820, -6.7420

Harmonies

Analogous

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



186.0780, -16.6940, 27.2260



188.7100, 22.6890, 34.8570



187.1460, 50.5200, 31.5760

Triad

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



188.7100, 22.6890, 34.8570



180.7080, 41.0840, -17.7000



144.3550, -126.7660, -37.4380

Complementary

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



188.7100, 22.6890, 34.8570



203.2900, -22.6890, -34.8570

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.



159.6320, -76.3780, -36.5220



188.7100, 22.6890, 34.8570



176.6330, 10.1380, -29.5580

Square

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



188.7100, 22.6890, 34.8570



183.7140, 59.2830, -0.5970



170.1800, -28.1910, -34.2630



157.5830, -109.0720, -16.6880

Rectangle

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



188.7100, 22.6890, 34.8570



184.7690, 58.5910, 22.9670



170.1800, -28.1910, -34.2630



143.5740, -123.1890, -41.6930

Sweetspot

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



188.7100, 22.6890, 34.8570



241.1570, 7.2880, 11.0960



170.6000, -18.3440, 24.0880



118.9670, 4.7670, 7.2230



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.



188.7100, 22.6890, 34.8570



198.4540, 29.7020, 45.4300



184.7200, 33.9240, 23.9720



110.4290, 3.3460, 5.4420



72.1310, 57.1580, 87.5100



21.5040, 17.0970, 26.0650

Inverse Universe

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



188.7100, 22.6890, 34.8570



198.4540, 29.7020, 45.4300



207.2800, -33.9240, -23.9720



110.4290, 3.3460, 5.4420



72.1310, 57.1580, 87.5100



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 188.7100, 22.6890, 34.8570 looks on a white background.

Color Contrast Check

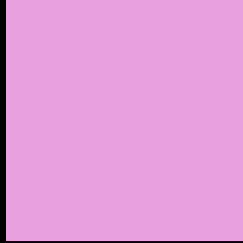
Large Text (above 18pt) WCAG AA × Fail

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 188.7100, 22.6890, 34.8570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

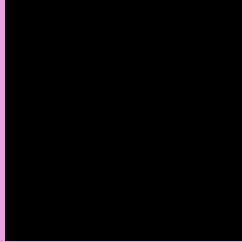
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.7100, 22.6890, 34.8570

Background



This preview shows how black text looks on a background with the YIQ color 188.7100, 22.6890, 34.8570.



This preview shows how white text looks on a background with the YIQ color 188.7100, 22.6890,

34.8570.

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

188.7100, 22.6890, 34.8570

Protanopia

184.4970, -25.7240, 14.6600

Deuteranopia

185.6420, -10.1350, 12.9770



Tritanopia

187.1230, 30.9910, 16.5510

Trichromacy



Original Color

188.7100, 22.6890, 34.8570



Protanomaly

186.1080, -8.2110, 22.1650



Deuteranomaly

186.7300, 1.6010, 20.5530



Tritanomaly

187.6700, 28.1930, 23.2090

Monochromacy



Original Color

188.7100, 22.6890, 34.8570



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

188.6950, 8.7090, 12.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7100, 22.6890, 34.8570 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(232, 160, 223)` looks like.

```
.text, #text, p{  
    color:rgb(232, 160, 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(232, 160, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 160, 223) }
```

Border

The CSS property to change the border of an element to YIQ 188.7100, 22.6890, 34.8570 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(232, 160, 223) }
```


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

```
.border{ border-color:rgb(232, 160, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 160, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 160, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 160, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 160,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7100, 22.6890, 34.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 160, 223) }
```

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

```
.background{ background-color: rgb(232,  
160, 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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