

Converting Colors

YIQ(183.4130, 27.7790, 30.7150)

Have a look what the booklet for
YIQ(183.4130, 27.7790, 30.7150)
contains.

YIQ(183.4130, 27.7790, 30.7150)	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(183.4130, 27.7790,
30.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	E59CCD
RGB	229, 156, 205
RGB Percent	90%, 61%, 80%
CMY	0.1018, 0.3883, 0.1960
CMYK	0.00, 0.32, 0.10, 0.10
HSL	320°, 58%, 75%
HSV	320°, 32%, 90%
XYZ	55.2347, 44.8419, 63.5134
YIQ	183.4130, 27.7790, 30.7150

Conversions

Conversions Part 2

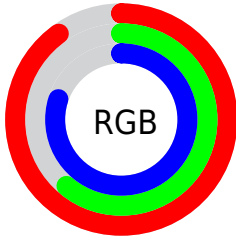
Format	Color
RYB	229, 156, 205
Decimal	15047885
CIELab	72.79, 34.54, -14.03
CIELCh	73, 37.282, 337.900
Yxy	44.8419, 0.3376, 0.2741
Android (android.graphics.Color)	4293237965 (0xFFE59CCD)
YUV	183.4130, 10.6424, 39.9798
Hunter-Lab	66.9641, 30.0469, -9.3599

Details

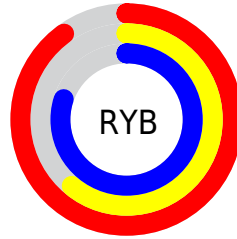
The YIQ color **183.4130, 27.7790, 30.7150** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201.5870, -27.7790, -30.7150**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1720, 12.1000, 23.0120**, and **129.6900, 25.4410, 29.0330** is the 20% darker color. If you saturate the color by 10%, you get **169.0000, 36.6720, 40.2560**, and if you desaturate by 10%, it is **197.8260, 18.8860, 21.1740**.

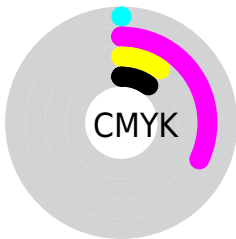
Distribution



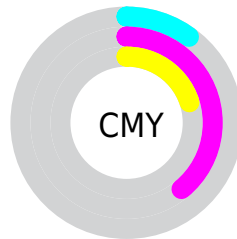
- Red (90%)
- Green (61%)
- Blue (80%)



- Red (90%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (32%)
- Yellow (10%)
- Black (10%)





- Cyan (10%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.4130, 27.7790, 30.7150 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 183.4130, 27.7790, 30.7150 by changing the saturation by 10% instead.

 183.4130, 27.7790,
30.7150


 183.4130, 27.7790,
30.7150


255.0000, -0.0000,
-0.0000


 155.8150, 26.5870,
30.2910


 229.1720, 12.1000,
23.0120


 129.6900, 25.4410,
29.0330

 246.1950, 4.1250,
7.8450

 103.3910, 24.8450,
28.8210

 78.6790, 23.9740,
28.0860

 54.0810, 22.7820,
27.6620

 27.5480, 22.9650,
29.8530

 17.1030, 16.5480,

19.4920

■ 2.5490, 2.8880,
2.7280

■ 0.0000, 0.0000,
0.0000

■ 183.4130, 27.7790,
30.7150

■ 183.4130, 27.7790,
30.7150

■ 169.0000, 36.6720,
40.2560

■ 197.8260, 18.8860,
21.1740

■ 154.7010, 45.2440,
50.1080

■ 212.1250, 10.3140,
11.3220

■ 140.2880, 54.1370,
59.6490

■ 226.5380, 1.4210,
1.7810

■ 125.9890, 62.7090,
69.5010

■ 240.8370, -7.1510,
-8.0710

■ 111.5760, 71.6020,
79.0420

■ 245.8580,
-11.6440, -9.2440

■ 97.8640, 79.8990,
88.3710

■ 246.6560,
-13.8910, -7.0670

■ 86.0270, 87.0500,
96.4420

■ 247.2260,
-15.4960, -5.5120

Harmonies

Analogous

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



182.0100, -4.8190, 26.7730



183.4130, 27.7790, 30.7150



181.9730, 49.3290, 25.6250

Triad

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



183.4130, 27.7790, 30.7150



175.3200, 30.4930, -18.4910



153.1850, -96.5080, -24.1240

Complementary

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



183.4130, 27.7790, 30.7150



201.5870, -27.7790, -30.7150

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.



157.8870, -72.4820, -30.0340



183.4130, 27.7790, 30.7150



171.7230, 1.1970, -27.2110

Square

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



183.4130, 27.7790, 30.7150



178.5170, 49.4720, -4.5120



165.8790, -34.4730, -30.5450



164.7290, -76.8880, -5.2400

Rectangle

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



183.4130, 27.7790, 30.7150



181.1120, 55.8870, 16.9030



165.8790, -34.4730, -30.5450



152.9310, -92.9770, -27.5450

Sweetspot

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



183.4130, 27.7790, 30.7150



239.4130, 9.4430, 10.5870



171.1990, -9.7250, 27.5790



117.9240, 6.3260, 6.5020



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.



183.4130, 27.7790, 30.7150



194.4130, 36.9470, 40.7790



179.3090, 39.3350, 19.5190



107.5000, 4.5840, 5.0320



67.2010, 68.1640, 75.2680



19.1250, 19.4820, 21.3860

Inverse Universe

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



183.4130, 27.7790, 30.7150



194.4130, 36.9470, 40.7790



205.6910, -39.3350, -19.5190



107.5000, 4.5840, 5.0320



67.2010, 68.1640, 75.2680



19.1250, 19.4820, 21.3860

Previews

White Background



This preview shows how the YIQ color 183.4130, 27.7790, 30.7150 looks on a white background.

Color Contrast Check

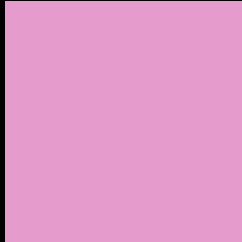
Large Text (above 18pt) WCAG AA × Fail

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 183.4130, 27.7790, 30.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

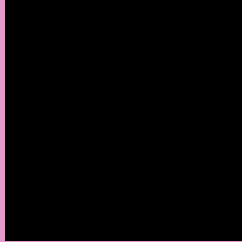
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.4130, 27.7790, 30.7150

Background



This preview shows how black text looks on a background with the YIQ color 183.4130, 27.7790, 30.7150.



This preview shows how white text looks on a background with the YIQ color 183.4130, 27.7790,

30.7150.

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

183.4130, 27.7790, 30.7150

Protanopia

179.3960, -18.2500, 11.3660

Deuteranopia

180.7800, -1.8360, 11.2520



Tritanopia

182.2050, 33.6960, 17.0880

Trichromacy



Original Color

183.4130, 27.7790, 30.7150

Protanomaly

180.7080, -1.3330, 18.6590

Deuteranomaly

181.5690, 9.3040, 18.6160

Tritanomaly

182.5840, 31.3110, 21.7670

Monochromacy



Original Color

183.4130, 27.7790, 30.7150

Achromatopsia

183.0000, -0.0000, -0.0000

Achromatomaly

183.1250, 10.3140, 11.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.4130, 27.7790, 30.7150 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(229, 156, 205)` looks like.

```
.text, #text, p{  
    color:rgb(229, 156, 205)  
}
```

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(229, 156, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 156, 205) }
```

Border

The CSS property to change the border of an element to YIQ 183.4130, 27.7790, 30.7150 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(229, 156, 205) }
```


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

```
.border{ border-color:rgb(229, 156, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 156, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 156, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 156, 205);  
box-shadow:4px 4px 4px 4px rgb(229, 156,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 183.4130, 27.7790, 30.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 156, 205) }
```

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

```
.background{ background-color: rgb(229,  
156, 205) }
```

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