

Converting Colors

YIQ(199.4000, 11.4580, 23.6340)

Have a look what the booklet for
YIQ(199.4000, 11.4580, 23.6340)
contains.

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Color

**YIQ(199.4000, 11.4580,
23.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B5E3
RGB	225, 181, 227
RGB Percent	88%, 71%, 89%
CMY	0.1175, 0.2902, 0.1098
CMYK	0.01, 0.20, 0.00, 0.11
HSL	297°, 45%, 80%
HSV	297°, 20%, 89%
XYZ	61.4476, 54.5995, 79.9750
YIQ	199.4000, 11.4580, 23.6340

Conversions

Conversions Part 2

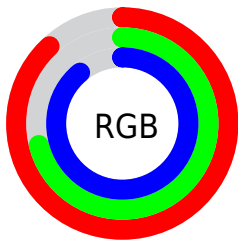
Format	Color
R _Y B	225, 181, 227
Decimal	14792163
CIE Lab	78.81, 23.68, -16.99
CIE LCh	79, 29.139, 324.343
Yxy	54.5995, 0.3135, 0.2785
Android (android.graphics.Color)	4292982243 (0xFFE1B5E3)
YUV	199.4000, 13.6068, 22.4512
Hunter-Lab	73.8915, 19.1291, -12.4473

Details

The YIQ color **199.4000, 11.4580, 23.6340** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **208.6000, -11.4580, -23.6340**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4340, 4.9500, 9.4140**, and **145.2750, 10.3120, 22.3760** is the 20% darker color. If you saturate the color by 10%, you get **185.6000, 17.1870, 35.4510**, and if you desaturate by 10%, it is **213.2000, 5.7290, 11.8170**.

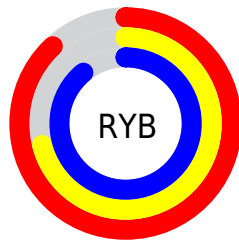
Distribution



Red (88%)

Green (71%)

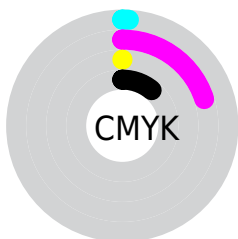
Blue (89%)



Red (88%)

Yellow (71%)

Blue (89%)

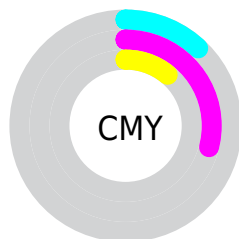


Cyan (1%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4000, 11.4580, 23.6340 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 199.4000, 11.4580, 23.6340 by changing the saturation by 10% instead.


 199.4000, 11.4580,
23.6340


 199.4000, 11.4580,
23.6340


255.0000, -0.0000,
-0.0000


 171.9870, 11.1830,
23.1110


 244.4340, 4.9500,
9.4140

 145.2750, 10.3120,
22.3760

 119.1610, 10.6330,
22.0650

 94.3350, 10.0830,
21.0190

 70.2100, 8.9370,
19.7610

 46.9110, 8.3410,
19.5490

 24.4980, 8.0660,

19.0260

■ 10.6670, 5.9120,
14.0080

■ 0.0000, 0.0000,
0.0000

■ 199.4000, 11.4580,
23.6340

■ 199.4000, 11.4580,
23.6340

■ 185.6000, 17.1870,
35.4510

■ 213.2000, 5.7290,
11.8170

■ 172.3870, 22.6410,
46.7450

■ 226.4130, 0.2750,
0.5230

■ 158.5870, 28.3700,
58.5620

■ 240.2130, -5.4540,
-11.2940

■ 144.7870, 34.0990,
70.3790

■ 244.0340, -6.5080,
-14.2200

130.9870, 39.8280,
82.1960

244.3330, -5.9120,
-14.0080

117.7740, 45.2820,
93.4900

244.6320, -5.3160,
-13.7960

103.9740, 51.0110,
105.3070

244.9310, -4.7200,
-13.5840

90.7610, 56.4650,
116.6010

245.2300, -4.1240,
-13.3720

245.5290, -3.5280,
-13.1600

Harmonies

Analogous

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



196.7540, -16.1420, 17.2180



199.4000, 11.4580, 23.6340



199.4810, 33.0990, 22.4030

Triad

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



199.4000, 11.4580, 23.6340



194.5580, 33.0590, -9.9250



181.9800, -59.1420, -18.4860

Complementary

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



199.4000, 11.4580, 23.6340



208.6000, -11.4580, -23.6340

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.



183.9850, -40.3430, -23.2790



199.4000, 11.4580, 23.6340



191.3380, 12.8870, -18.8010

Square

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



199.4000, 11.4580, 23.6340



196.8080, 44.5190, 2.6550



187.9310, -13.8880, -23.6480



184.8310, -59.7400, -7.6440

Rectangle

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



199.4000, 11.4580, 23.6340



198.3370, 42.1320, 18.3880



187.9310, -13.8880, -23.6480



182.1500, -53.8690, -20.4370

Sweetspot

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



199.4000, 11.4580, 23.6340



245.8960, 3.5290, 7.6330



187.4180, -15.3160, 13.2600



122.4180, 1.8790, 4.4950



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.



199.4000, 11.4580, 23.6340



218.2960, 14.9870, 31.2670



197.6040, 19.3910, 17.5270



107.6570, 2.7040, 6.0640



71.5350, 44.4570, 91.9210



20.4650, 12.8330, 26.2490

Inverse Universe

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



194.9820, 26.7740, 10.3740



212.4670, 35.7140, 13.5540



210.3960, -19.3910, -17.5270



106.7020, 6.8310, 2.8550



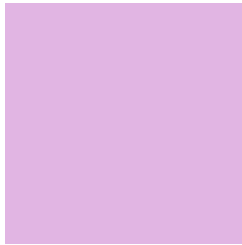
54.4330, 104.1160, 40.4360



15.4770, 29.7540, 11.4340

Previews

White Background



This preview shows how the YIQ color 199.4000, 11.4580, 23.6340 looks on a white background.

Color Contrast Check

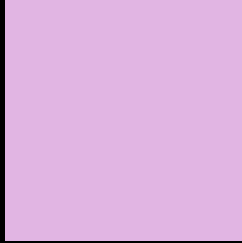
Large Text (above 18pt) WCAG AA × Fail

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 199.4000, 11.4580, 23.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

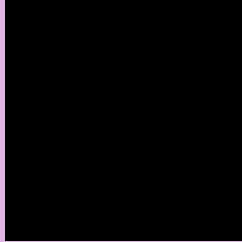
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.4000, 11.4580, 23.6340

Background



This preview shows how black text looks on a background with the YIQ color 199.4000, 11.4580, 23.6340.



This preview shows how white text looks on a background with the YIQ color 199.4000, 11.4580,

23.6340.

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

199.4000, 11.4580, 23.6340

Protanopia

196.2820, -17.9290, 11.0550

Deuteranopia

196.9800, -5.2750, 13.0050



Tritanopia

198.0610, 16.3660, 11.7740

Trichromacy



Original Color

199.4000, 11.4580, 23.6340

Protanomaly

197.1910, -7.2470, 15.7050

Deuteranomaly

198.0240, 0.5930, 16.7930

Tritanomaly

198.3260, 14.3020, 16.1420

Monochromacy



Original Color

199.4000, 11.4580, 23.6340

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.7220, 4.0790, 8.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4000, 11.4580, 23.6340 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(225, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 181, 227)  
}
```

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(225, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 181, 227) }
```

Border

The CSS property to change the border of an element to YIQ 199.4000, 11.4580, 23.6340 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(225, 181, 227) }
```


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

```
.border{ border-color:rgb(225, 181, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 181, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 181, 227); box-shadow:4px 4px 4px 4px rgb(225, 181, 227) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4000, 11.4580, 23.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 181, 227) }
```

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

```
.background{ background-color: rgb(225,  
181, 227) }
```

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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