

Converting Colors

YIQ(177.2000, 6.8700, 40.7100)

Have a look what the booklet for
YIQ(177.2000, 6.8700, 40.7100)
contains.

YIQ(177.2000, 6.8700, 40.7100)	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(177.2000, 6.8700,
40.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	D195EF
RGB	209, 149, 239
RGB Percent	82%, 58%, 94%
CMY	0.1802, 0.4158, 0.0628
CMYK	0.13, 0.38, 0.00, 0.06
HSL	280°, 74%, 76%
HSV	280°, 38%, 94%
XYZ	52.6307, 41.2810, 86.8471
YIQ	177.2000, 6.8700, 40.7100

Conversions

Conversions Part 2

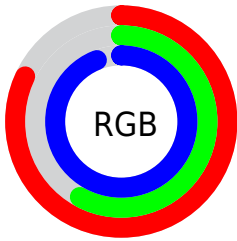
Format	Color
R _Y B	209, 149, 239
Decimal	13735407
CIE Lab	70.37, 38.29, -36.56
CIE LCh	70, 52.942, 316.324
Yxy	41.2810, 0.2912, 0.2284
Android (android.graphics.Color)	4291925487 (0xFFD195EF)
YUV	177.2000, 30.4674, 27.8886
Hunter-Lab	64.2503, 33.7804, -35.1670

Details

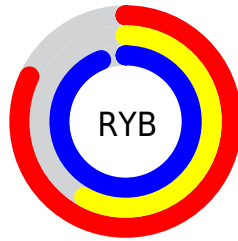
The YIQ color **177.2000, 6.8700, 40.7100** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **210.8000, -6.8700, -40.7100**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0630, 14.0250, 26.6730**, and **123.5480, 5.7700, 38.6180** is the 20% darker color. If you saturate the color by 10%, you get **160.7200, 8.7020, 51.5660**, and if you desaturate by 10%, it is **193.6800, 5.0380, 29.8540**.

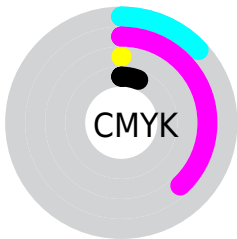
Distribution



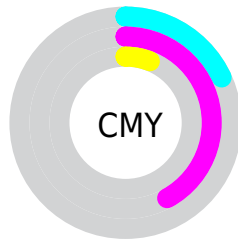
- Red (82%)
- Green (58%)
- Blue (94%)



- Red (82%)
- Yellow (58%)
- Blue (94%)



- Cyan (13%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.2000, 6.8700, 40.7100 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 177.2000, 6.8700, 40.7100 by changing the saturation by 10% instead.

177.2000, 6.8700,
40.7100

177.2000, 6.8700,
40.7100

255.0000, -0.0000,
-0.0000

150.2600, 6.6410,
39.3530

225.0630, 14.0250,
26.6730

123.5480, 5.7700,
38.6180

241.4990, 6.3250,
12.0290

97.7220, 5.2200,
37.5720

72.7820, 4.9910,
36.2150

47.4830, 4.3950,
36.0030

23.6570, 3.8450,
34.9570

15.3540, -0.0960,

23.7760

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,
2.1770

■ 177.2000, 6.8700,
40.7100

■ 177.2000, 6.8700,
40.7100

■ 160.7200, 8.7020,
51.5660

■ 193.6800, 5.0380,
29.8540

■ 144.2400, 10.5340,
62.4220

■ 210.1600, 3.2060,
18.9980

■ 127.7600, 12.3660,
73.2780

■ 226.6400, 1.3740,
8.1420

■ 111.2800, 14.1980,
84.1340

■ 243.1200, -0.4580,
-2.7140

■ 94.8000, 16.0300,
94.9900

■ 251.3820, 1.5600,
-6.2480

■ 78.9070, 17.5870,
105.3230

■ 253.1760, 5.1360,
-4.9760

■ 75.0860, 18.6410,
108.2490

Harmonies

Analogous

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



168.9480, -45.8070, 20.6970



177.2000, 6.8700, 40.7100



175.7520, 49.2340, 43.8740

Triad

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



177.2000, 6.8700, 40.7100



169.2390, 61.5780, -14.6620



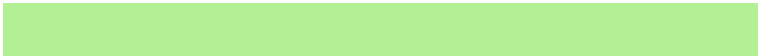
137.6240, -117.4580, -40.9300

Complementary

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



177.2000, 6.8700, 40.7100



210.8000, -6.8700, -40.7100

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.



137.3170, -89.2130, -51.7170



177.2000, 6.8700, 40.7100



165.3610, 31.2750, -32.6690

Square

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



177.2000, 6.8700, 40.7100



171.1340, 76.0160, 10.0320



158.5650, -13.5180, -41.3740



140.7650, -130.4360, -25.9880

Rectangle

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



177.2000, 6.8700, 40.7100



171.8380, 63.3110, 36.5510



158.5650, -13.5180, -41.3740



135.6860, -112.0010, -46.2170

Sweetspot

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



177.2000, 6.8700, 40.7100



235.8730, 2.3360, 12.7360



176.8700, -37.1400, 12.3000



116.2270, 1.0990, 7.6190



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.



177.2000, 6.8700, 40.7100



176.1330, 8.9770, 52.0890



184.4600, 29.5650, 42.4050



111.7600, 0.9160, 5.4280



57.7530, 14.2440, 83.3000



17.4470, 4.0760, 25.2600

Inverse Universe

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



179.3300, 44.0100, 28.4100



178.7170, 56.3420, 36.1980



203.5400, -29.5650, -42.4050



112.0440, 5.8680, 3.7880



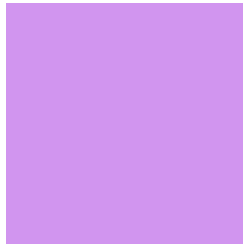
61.9700, 90.0830, 57.9790



18.9100, 27.2770, 17.7810

Previews

White Background



This preview shows how the YIQ color 177.2000, 6.8700, 40.7100 looks on a white background.

Color Contrast Check

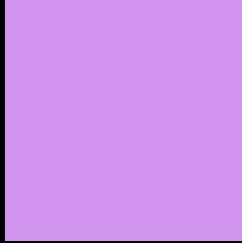
Large Text (above 18pt) WCAG AA × Fail

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 177.2000, 6.8700, 40.7100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

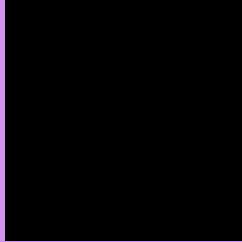
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.2000, 6.8700, 40.7100

Background



This preview shows how black text looks on a background with the YIQ color 177.2000, 6.8700, 40.7100.



This preview shows how white text looks on a background with the YIQ color 177.2000, 6.8700,

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

177.2000, 6.8700, 40.7100

Protanopia

171.9160, -42.7810, 20.9230

Deuteranopia

172.3270, -30.9970, 16.6110



Tritanopia

174.5450, 17.8790, 11.8870

Trichromacy



Original Color

177.2000, 6.8700, 40.7100

Protanomaly

173.7120, -24.3510, 28.3290

Deuteranomaly

173.7250, -17.1980, 25.3460

Tritanomaly

175.4280, 14.2550, 22.5030

Monochromacy



Original Color

177.2000, 6.8700, 40.7100

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.3400, 2.5190, 14.9270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.2000, 6.8700, 40.7100 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(209, 149, 239)` looks like.

```
.text, #text, p{  
    color:rgb(209, 149, 239)  
}
```

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(209, 149, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 149, 239) }
```

Border

The CSS property to change the border of an element to YIQ 177.2000, 6.8700, 40.7100 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(209, 149, 239) }
```


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

```
.border{ border-color:rgb(209, 149, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 149, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 149, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 149, 239);  
box-shadow:4px 4px 4px 4px rgb(209, 149,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 177.2000, 6.8700, 40.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 149, 239) }
```

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

```
.background{ background-color: rgb(209,  
149, 239) }
```

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