

Converting Colors

YIQ(173.8250, 12.6000, 47.0000)

Have a look what the booklet for
YIQ(173.8250, 12.6000, 47.0000)
contains.

YIQ(173.8250, 12.6000, 47.0000)	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(173.8250, 12.6000,
47.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	D78CF0
RGB	215, 140, 240
RGB Percent	84%, 55%, 94%
CMY	0.1566, 0.4511, 0.0588
CMYK	0.10, 0.42, 0.00, 0.06
HSL	285°, 77%, 75%
HSV	285°, 42%, 94%
XYZ	53.1430, 39.4943, 87.2548
YIQ	173.8250, 12.6000, 47.0000

Conversions

Conversions Part 2

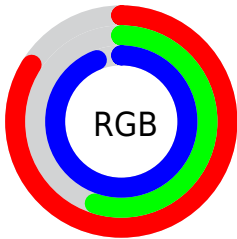
Format	Color
R _Y B	215, 140, 240
Decimal	14126320
CIE Lab	69.11, 45.07, -39.03
CIE LCh	69, 59.621, 319.107
Yxy	39.4943, 0.2954, 0.2195
Android (android.graphics.Color)	4292316400 (0xFFD78CF0)
YUV	173.8250, 32.6243, 36.1105
Hunter-Lab	62.8445, 40.9668, -38.3286

Details

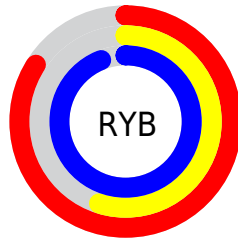
The YIQ color $173.8250, 12.6000, 47.0000$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $206.1750, -12.6000, -47.0000$, and the grayscale version is $173.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $219.7800, 16.5000, 31.3800$, and $120.1730, 11.5000, 44.9080$ is the 20% darker color. If you saturate the color by 10%, you get $157.9430, 15.6240, 58.2800$, and if you desaturate by 10%, it is $189.7070, 9.5760, 35.7200$.

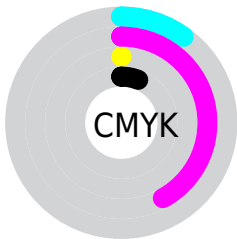
Distribution



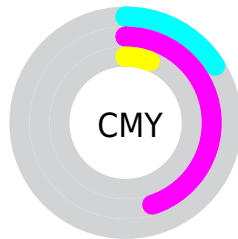
- Red (84%)
- Green (55%)
- Blue (94%)



- Red (84%)
- Yellow (55%)
- Blue (94%)



- Cyan (10%)
- Magenta (42%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.8250, 12.6000, 47.0000 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 173.8250, 12.6000, 47.0000 by changing the saturation by 10% instead.

173.8250, 12.6000,
47.0000

173.8250, 12.6000,
47.0000

255.0000, -0.0000,
-0.0000

146.2980, 12.6460,
46.1660

219.7800, 16.5000,
31.3800

120.1730, 11.5000,
44.9080

236.2160, 8.8000,
16.7360

93.3470, 10.9500,
43.8620

253.2390, 0.8250,
1.5690

67.9340, 10.6750,
43.3390

38.7000, 11.4540,
45.7420

24.9670, 5.9080,
36.1160

15.9520, 1.0960,

24.2000

■ 5.0500, -11.4640,
9.5280

■ 0.7980, -2.2470,
2.1770

■ 173.8250, 12.6000,
47.0000

■ 173.8250, 12.6000,
47.0000

■ 157.9430, 15.6240,
58.2800

■ 189.7070, 9.5760,
35.7200

■ 142.0610, 18.6480,
69.5600

■ 205.5890, 6.5520,
24.4400

■ 126.1790, 21.6720,
80.8400

■ 221.4710, 3.5280,
13.1600

■ 110.2970, 24.6960,
92.1200

■ 237.3530, 0.5040,
1.8800

■ 94.4150, 27.7200,
103.4000

■ 250.3000, -1.1450,
-6.7850

■ 81.1800, 30.2400,
112.8000

■ 252.0940, 2.4310,
-5.5130

■ 253.2900, 4.8150,
-4.6650

Harmonies

Analogous

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



164.8280, -45.3490, 23.4110



173.8250, 12.6000, 47.0000



169.6330, 57.1190, 49.6550

Triad

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



173.8250, 12.6000, 47.0000



164.1160, 66.1180, -19.8500



137.4930, -118.4670, -39.1630

Complementary

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



173.8250, 12.6000, 47.0000



206.1750, -12.6000, -47.0000

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.



130.5220, -100.2160, -56.0560



173.8250, 12.6000, 47.0000



159.3730, 31.0010, -38.7190

Square

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



173.8250, 12.6000, 47.0000



166.5000, 83.6730, 8.9290



151.3850, -21.9990, -47.3670



140.5030, -132.4540, -22.4540

Rectangle

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



173.8250, 12.6000, 47.0000



164.2410, 69.5460, 39.1940



151.3850, -21.9990, -47.3670



135.4410, -112.6890, -44.7610

Sweetspot

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



173.8250, 12.6000, 47.0000



233.2370, 4.3070, 15.5630



166.0750, -38.9750, 18.0250



113.8790, 2.1990, 9.7110



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.



173.8250, 12.6000, 47.0000



170.8830, 15.8530, 59.6370



178.4500, 35.5250, 44.5250



112.0590, 1.5120, 5.6400



62.2380, 23.1840, 86.4800



18.9420, 7.0560, 26.3200

Inverse Universe

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



172.7500, 51.5750, 28.9750



169.5070, 65.7410, 36.5650



201.5500, -35.5250, -44.5250



111.9300, 6.1890, 3.4770



60.2600, 94.8980, 53.3140



18.3400, 28.8820, 16.2260

Previews

White Background



This preview shows how the YIQ color 173.8250, 12.6000, 47.0000 looks on a white background.

Color Contrast Check

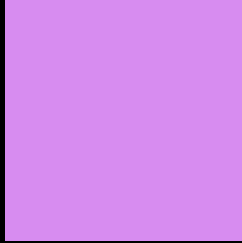
Large Text (above 18pt) WCAG AA × Fail

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 173.8250, 12.6000, 47.0000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

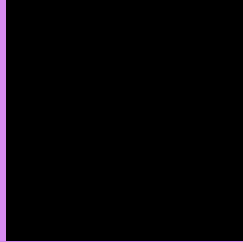
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.8250, 12.6000, 47.0000

Background



This preview shows how black text looks on a background with the YIQ color 173.8250, 12.6000, 47.0000.



This preview shows how white text looks on a background with the YIQ color 173.8250, 12.6000,

47.0000.

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

173.8250, 12.6000, 47.0000

Protanopia

167.7740, -45.2570, 21.7430

Deuteranopia

168.7720, -33.7480, 16.9080



Tritanopia

172.0190, 25.3520, 14.1200

Trichromacy



Original Color

173.8250, 12.6000, 47.0000



Protanomaly

170.2930, -24.4890, 30.8310



Deuteranomaly

170.6050, -16.7400, 28.0600



Tritanomaly

172.6570, 21.0400, 26.1920

Monochromacy



Original Color

173.8250, 12.6000, 47.0000



Achromatopsia

174.0000, -0.0000, -0.0000



Achromatomaly

174.1770, 4.5360, 16.9200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.8250, 12.6000, 47.0000 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(215, 140, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 140, 240)  
}
```

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(215, 140, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 140, 240) }
```

Border

The CSS property to change the border of an element to YIQ 173.8250, 12.6000, 47.0000 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(215, 140, 240) }
```


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

```
.border{ border-color:rgb(215, 140, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 140, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 140, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 140, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 140,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 173.8250, 12.6000, 47.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 140, 240) }
```

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

```
.background{ background-color: rgb(215,  
140, 240) }
```

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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