

Converting Colors

YIQ(177.3870, 4.3050, 26.6170)

Have a look what the booklet for
YIQ(177.3870, 4.3050, 26.6170)
contains.

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Color

**YIQ(177.3870, 4.3050,
26.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	C69FDA
RGB	198, 159, 218
RGB Percent	78%, 62%, 85%
CMY	0.2234, 0.3765, 0.1451
CMYK	0.09, 0.27, 0.00, 0.15
HSL	280°, 44%, 74%
HSV	280°, 27%, 85%
XYZ	48.3467, 41.8625, 71.8568
YIQ	177.3870, 4.3050, 26.6170

Conversions

Conversions Part 2

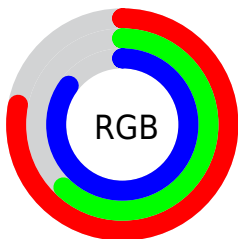
Format	Color
RYB	198, 159, 218
Decimal	13017050
CIELab	70.78, 25.09, -24.51
CIELCh	71, 35.080, 315.671
Yxy	41.8625, 0.2983, 0.2583
Android (android.graphics.Color)	4291207130 (0xFFC69FDA)
YUV	177.3870, 20.0222, 18.0776
Hunter-Lab	64.7013, 20.1533, -20.5562

Details

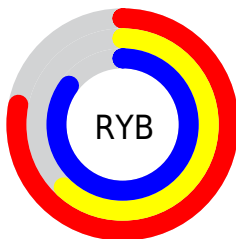
The YIQ color $177.3870, 4.3050, 26.6170$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $199.6130, -4.3050, -26.6170$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $230.9330, 11.2750, 21.4430$, and $124.4470, 4.0760, 25.2600$ is the 20% darker color. If you saturate the color by 10%, you get $162.3800, 6.1830, 36.6390$, and if you desaturate by 10%, it is $192.3940, 2.4270, 16.5950$.

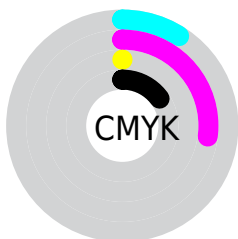
Distribution



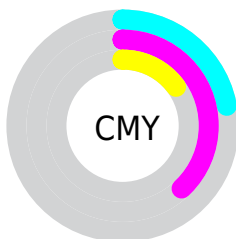
- Red (78%)
- Green (62%)
- Blue (85%)



- Red (78%)
- Yellow (62%)
- Blue (85%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.3870, 4.3050, 26.6170 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 177.3870, 4.3050, 26.6170 by changing the saturation by 10% instead.

■ 177.3870, 4.3050,
26.6170

■ 177.3870, 4.3050,
26.6170

■ 255.0000, -0.0000,
-0.0000

■ 150.5610, 3.7550,
25.5710

■ 230.9330, 11.2750,
21.4430

■ 124.4470, 4.0760,
25.2600

■ 247.3690, 3.5750,
6.7990

■ 99.3220, 2.9300,
24.0020

■ 74.7950, 2.9760,
23.1680

■ 51.2680, 3.0220,
22.3340

■ 29.1430, 1.8760,
21.0760

■ 12.7470, 2.9310,

18.4750

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 177.3870, 4.3050,
26.6170

■ 177.3870, 4.3050,
26.6170

■ 162.3800, 6.1830,
36.6390

■ 192.3940, 2.4270,
16.5950

■ 147.0740, 7.4650,
46.4490

■ 207.7000, 1.1450,
6.7850

■ 132.6540, 9.0680,
55.9480

■ 222.1200, -0.4580,
-2.7140

■ 117.6470, 10.9460,
65.9700

■ 237.4260, -1.7400,
-12.5240

102.3410, 12.2280,
75.7800

244.8020, -0.0430,
-15.7470

87.3340, 14.1060,
85.8020

246.8950, 4.1290,
-14.2630

72.0280, 15.3880,
95.6120

249.2870, 8.8970,
-12.5670

67.9080, 15.8460,
98.3260

250.7820, 11.8770,
-11.5070

Harmonies

Analogous

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



172.8110, -29.4840, 16.7240



177.3870, 4.3050, 26.6170



177.2840, 32.4560, 28.5520

Triad

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



177.3870, 4.3050, 26.6170



172.4020, 42.3660, -7.8900



152.8100, -73.5830, -26.5990

Complementary

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



177.3870, 4.3050, 26.6170



199.6130, -4.3050, -26.6170

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.



159.5240, -40.6630, -28.4950



177.3870, 4.3050, 26.6170



169.7750, 21.7820, -20.3140

Square

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



177.3870, 4.3050, 26.6170



174.1620, 52.4500, 7.6020



165.6450, -7.3310, -26.8430



153.4470, -85.3220, -17.5940

Rectangle

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



177.3870, 4.3050, 26.6170



176.8800, 45.1570, 24.1410



165.6450, -7.3310, -26.8430



155.4320, -63.7710, -28.2110

Sweetspot

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



177.3870, 4.3050, 26.6170



241.1670, 1.3280, 8.9760



178.0530, -24.7140, 7.3660



118.8740, 0.5950, 5.7390



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.



177.3870, 4.3050, 26.6170



198.4940, 5.8620, 36.9500



182.3410, 19.1140, 28.0580



102.3470, 0.6410, 4.9050



54.1070, 13.0070, 78.1830



14.2140, 3.1140, 20.6660

Inverse Universe

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



178.9210, 28.7440, 18.7280



200.7100, 39.8840, 26.0920



194.6590, -19.1140, -28.0580



102.6310, 5.5930, 3.2650



58.4530, 84.1690, 55.0250



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 177.3870, 4.3050, 26.6170 looks on a white background.

Color Contrast Check

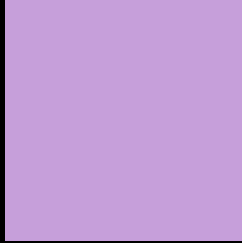
Large Text (above 18pt) WCAG AA × Fail

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 177.3870, 4.3050, 26.6170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

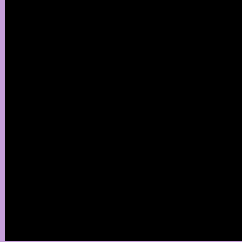
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.3870, 4.3050, 26.6170

Background



This preview shows how black text looks on a background with the YIQ color 177.3870, 4.3050, 26.6170.



This preview shows how white text looks on a background with the YIQ color 177.3870, 4.3050,

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

177.3870, 4.3050, 26.6170

Protanopia

173.4970, -25.7240, 14.6600

Deuteranopia

174.6460, -15.9580, 13.8820



Tritanopia

175.2560, 11.3230, 9.5550

Trichromacy



Original Color

177.3870, 4.3050, 26.6170

Protanomaly

175.2920, -14.7210, 18.9990

Deuteranomaly

175.7010, -8.6230, 18.6170

Tritanomaly

175.6890, 8.8460, 15.9020

Monochromacy



Original Color

177.3870, 4.3050, 26.6170

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9930, 1.8780, 10.0220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.3870, 4.3050, 26.6170 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(198, 159, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 218)  
}
```

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(198, 159, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 218) }
```

Border

The CSS property to change the border of an element to YIQ 177.3870, 4.3050, 26.6170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

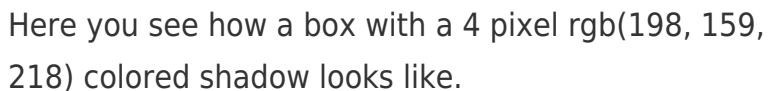
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 159, 218) }
```


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

```
.border{ border-color:rgb(198, 159, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 159, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 159, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 159, 218); box-shadow:4px 4px 4px 4px rgb(198, 159, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 177.3870, 4.3050, 26.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 218) }
```

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

```
.background{ background-color: rgb(198,  
159, 218) }
```

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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