

Converting Colors

YIQ(172.2930, 1.8740, 32.1300)

Have a look what the booklet for
YIQ(172.2930, 1.8740, 32.1300)
contains.

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Color

**YIQ(172.2930, 1.8740,
32.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	C297E1
RGB	194, 151, 225
RGB Percent	76%, 59%, 88%
CMY	0.2391, 0.4079, 0.1177
CMYK	0.14, 0.33, 0.00, 0.12
HSL	275°, 55%, 74%
HSV	275°, 33%, 88%
XYZ	46.9105, 39.0374, 76.2876
YIQ	172.2930, 1.8740, 32.1300

Conversions

Conversions Part 2

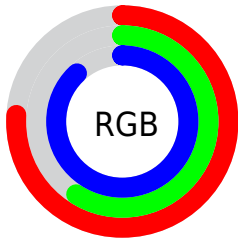
Format	Color
RYB	194, 151, 225
Decimal	12752865
CIELab	68.78, 29.71, -31.47
CIELCh	69, 43.277, 313.359
Yxy	39.0374, 0.2892, 0.2406
Android (android.graphics.Color)	4290942945 (0xFFC297E1)
YUV	172.2930, 25.9846, 19.0370
Hunter-Lab	62.4799, 24.6796, -28.6568

Details

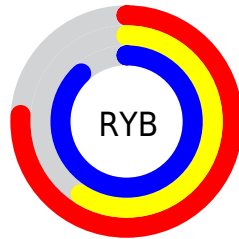
The YIQ color $172.2930, 1.8740, 32.1300$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $203.7070, -1.8740, -32.1300$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.0410, 11.0910, 24.7790$, and $118.9400, 1.3700, 30.2500$ is the 20% darker color. If you saturate the color by 10%, you get $156.1010, 2.8350, 42.2510$, and if you desaturate by 10%, it is $187.8980, 1.1880, 22.5320$.

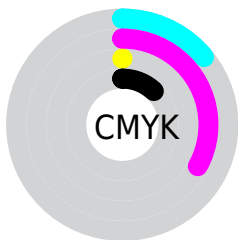
Distribution



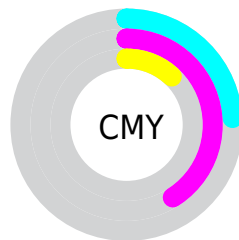
- Red (76%)
- Green (59%)
- Blue (88%)



- Red (76%)
- Yellow (59%)
- Blue (88%)



- Cyan (14%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (41%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.2930, 1.8740, 32.1300 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 172.2930, 1.8740, 32.1300 by changing the saturation by 10% instead.

■ 172.2930, 1.8740,
32.1300

■ 172.2930, 1.8740,
32.1300

255.0000, -0.0000,
-0.0000

■ 145.4670, 1.3240,
31.0840

■ 225.0410, 11.0910,
24.7790

■ 118.9400, 1.3700,
30.2500

■ 242.6730, 5.7750,
10.9830

■ 94.1140, 0.8200,
29.2040

■ 70.1740, 0.5910,
27.8470

■ 46.3480, 0.0410,
26.8010

■ 22.9350, -0.2340,
26.2780

■ 11.2240, -2.8460,

18.5460

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 172.2930, 1.8740,
32.1300

■ 172.2930, 1.8740,
32.1300

■ 156.1010, 2.8350,
42.2510

■ 187.8980, 1.1880,
22.5320

■ 140.1970, 2.9250,
51.6370

■ 204.3890, 0.8230,
12.6230

■ 124.0050, 3.8860,
61.7580

■ 219.9940, 0.1370,
3.0250

■ 108.1010, 3.9760,
71.1440

■ 236.4850, -0.2280,
-6.8840

91.9090, 4.9370,
81.2650

247.3940, 1.2860,
-12.2980

76.3040, 5.6230,
90.8630

250.0850, 6.6500,
-10.3900

64.8190, 5.8510,
97.7470

251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



166.2210, -42.3220, 18.1100



172.2930, 1.8740, 32.1300



172.1370, 37.5440, 35.4640

Triad

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



172.2930, 1.8740, 32.1300



166.4370, 52.4530, -8.9790



131.4460, -111.0850, -40.7890

Complementary

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



172.2930, 1.8740, 32.1300



203.7070, -1.8740, -32.1300

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.



149.5070, -51.1610, -36.4810



172.2930, 1.8740, 32.1300



162.9620, 28.3850, -24.3430

Square

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



172.2930, 1.8740, 32.1300



168.0170, 63.2240, 10.5840



158.1410, -6.0920, -32.7800



134.2620, -121.7700, -28.8580

Rectangle

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



172.2930, 1.8740, 32.1300



170.7010, 53.2710, 31.2790



158.1410, -6.0920, -32.7800



131.0460, -104.2070, -44.2950

Sweetspot

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



172.2930, 1.8740, 32.1300



237.0360, 0.3190, 10.7430



178.2200, -32.5540, 6.2780



116.5150, 0.2280, 6.8840



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.



172.2930, 1.8740, 32.1300



184.3290, 2.1930, 42.8730



180.9920, 21.9550, 37.1470



104.3470, 0.6410, 4.9050



50.5620, 4.2960, 76.3600



13.8440, 1.2800, 20.8640

Inverse Universe

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



176.6600, 34.1530, 25.3290



190.2750, 45.8430, 33.7390



195.0080, -21.9550, -37.1470



104.8590, 4.9510, 3.8870



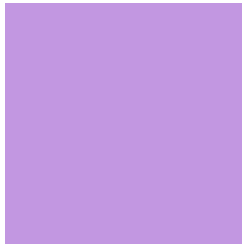
61.0600, 81.1420, 60.3260



16.6320, 22.1880, 16.3960

Previews

White Background



This preview shows how the YIQ color 172.2930, 1.8740, 32.1300 looks on a white background.

Color Contrast Check

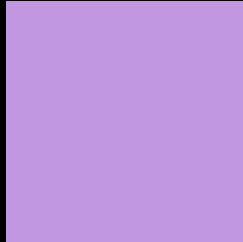
Large Text (above 18pt) WCAG AA × Fail

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 172.2930, 1.8740, 32.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

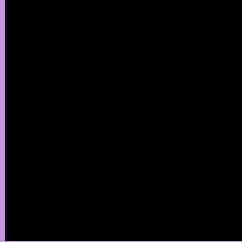
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.2930, 1.8740, 32.1300

Background



This preview shows how black text looks on a background with the YIQ color 172.2930, 1.8740, 32.1300.



This preview shows how white text looks on a background with the YIQ color 172.2930, 1.8740,

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

172.2930, 1.8740, 32.1300

Protanopia

168.0000, -34.3900, 17.5300

Deuteranopia

168.5080, -24.2570, 15.6070



Tritanopia

169.9570, 10.7270, 9.3430

Trichromacy



Original Color

172.2930, 1.8740, 32.1300

Protanomaly

169.6920, -21.5990, 22.5050

Deuteranomaly

169.8730, -14.8590, 21.5010

Tritanomaly

170.6720, 7.5160, 17.9800

Monochromacy



Original Color

172.2930, 1.8740, 32.1300

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8620, 0.8690, 11.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.2930, 1.8740, 32.1300 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(194, 151, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 151, 225)  
}
```

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(194, 151, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 151, 225) }
```

Border

The CSS property to change the border of an element to YIQ 172.2930, 1.8740, 32.1300 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(194, 151, 225) }
```


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

```
.border{ border-color:rgb(194, 151, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 151, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 151, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 151, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 151,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 172.2930, 1.8740, 32.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 151, 225) }
```

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

```
.background{ background-color: rgb(194,  
151, 225) }
```

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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