

Converting Colors

YIQ(207.8130, 2.5650, 14.0930)

Have a look what the booklet for
YIQ(207.8130, 2.5650, 14.0930)
contains.

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Color

**YIQ(207.8130, 2.5650,
14.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC6E5
RGB	219, 198, 229
RGB Percent	86%, 78%, 90%
CMY	0.1411, 0.2235, 0.1020
CMYK	0.04, 0.14, 0.00, 0.10
HSL	281°, 37%, 84%
HSV	281°, 14%, 90%
XYZ	63.5532, 61.1039, 82.5708
YIQ	207.8130, 2.5650, 14.0930

Conversions

Conversions Part 2

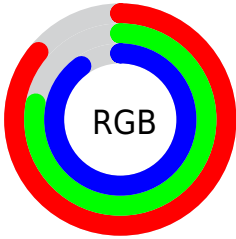
Format	Color
R _Y B	219, 198, 229
Decimal	14403301
CIE Lab	82.43, 12.94, -12.67
CIE LCh	82, 18.106, 315.598
Yxy	61.1039, 0.3067, 0.2949
Android (android.graphics.Color)	4292593381 (0xFFDBC6E5)
YUV	207.8130, 10.4452, 9.8110
Hunter-Lab	78.1690, 8.3288, -7.9104

Details

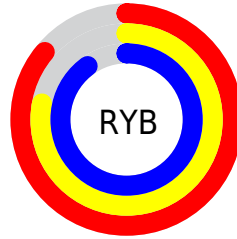
The YIQ color $207.8130, 2.5650, 14.0930$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $219.1870, -2.5650, -14.0930$, and the grayscale version is $208.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $153.4000, 2.2900, 13.5700$ is the 20% darker color. If you saturate the color by 10%, you get $192.2190, 4.7180, 24.6380$, and if you desaturate by 10%, it is $223.4070, 0.4120, 3.5480$.

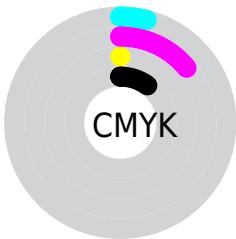
Distribution



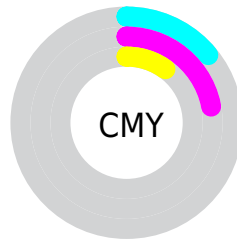
- Red (86%)
- Green (78%)
- Blue (90%)



- Red (86%)
- Yellow (78%)
- Blue (90%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (14%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.8130, 2.5650, 14.0930 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 207.8130, 2.5650, 14.0930 by changing the saturation by 10% instead.

■ 207.8130, 2.5650,
14.0930

■ 207.8130, 2.5650,
14.0930

255.0000, -0.0000,
-0.0000

■ 180.4000, 2.2900,
13.5700

■ 153.4000, 2.2900,
13.5700

■ 127.2860, 2.6110,
13.2590

■ 102.4600, 2.0610,
12.2130

■ 78.0470, 1.7860,
11.6900

■ 55.6340, 1.5110,
11.1670

■ 33.5200, 1.8320,

10.8560

■ 10.1830, 4.3990,
13.8950

■ 0.0000, 0.0000,
0.0000

■ 207.8130, 2.5650,
14.0930

■ 207.8130, 2.5650,
14.0930

■ 192.2190, 4.7180,
24.6380

■ 223.4070, 0.4120,
3.5480

■ 176.3260, 6.2750,
34.9710

■ 239.3000, -1.1450,
-6.7850

■ 160.7320, 8.4280,
45.5160

■ 247.8500, 0.0020,
-11.0540

■ 145.1380, 10.5810,
56.0610

■ 250.2420, 4.7700,
-9.3580

■ 129.2450, 12.1380,
66.3940

■ 252.0360, 8.3460,
-8.0860

■ 114.2380, 14.0160,
76.4160

■ 98.3450, 15.5730,
86.7490

■ 82.7510, 17.7260,
97.2940

■ 72.4510, 18.8710,
104.0790

Harmonies

Analogous

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



206.0820, -14.4900, 9.3020



207.8130, 2.5650, 14.0930



208.5390, 18.0160, 14.9120

Triad

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



207.8130, 2.5650, 14.0930



205.2830, 23.8880, -3.4080



199.0390, -31.2670, -11.5470

Complementary

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



207.8130, 2.5650, 14.0930



219.1870, -2.5650, -14.0930

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.



199.3900, -19.2540, -14.5020



207.8130, 2.5650, 14.0930



203.6080, 12.4270, -10.4610

Square

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



207.8130, 2.5650, 14.0930



206.9620, 29.5260, 4.5500



201.8880, -3.1610, -14.3050



199.8740, -34.9360, -5.6240

Rectangle

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



207.8130, 2.5650, 14.0930



208.0790, 25.1230, 12.7630



201.8880, -3.1610, -14.3050



198.9530, -28.1490, -12.9890

Sweetspot

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



207.8130, 2.5650, 14.0930



248.2330, 0.9620, 4.5940



207.4040, -12.7010, 4.4110



122.9940, 0.1370, 3.0250



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.



207.8130, 2.5650, 14.0930



227.0460, 3.5270, 18.6870



210.2330, 10.1300, 14.6580



106.7600, 0.9160, 5.4280



56.5850, 14.6570, 81.3210



16.2790, 4.4890, 23.2810

Inverse Universe

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



208.4090, 15.2660, 9.6820



227.7410, 20.2630, 12.7350



216.7670, -10.1300, -14.6580



107.0440, 5.8680, 3.7880



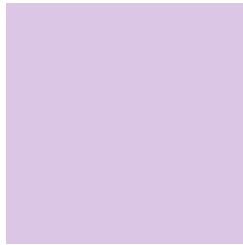
60.0190, 88.3870, 55.6750



17.0730, 25.2600, 15.7880

Previews

White Background



This preview shows how the YIQ color 207.8130, 2.5650, 14.0930 looks on a white background.

Color Contrast Check

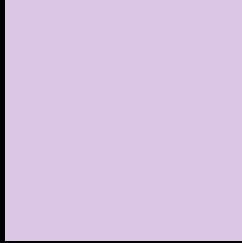
Large Text (above 18pt) WCAG AA × Fail

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 207.8130, 2.5650, 14.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

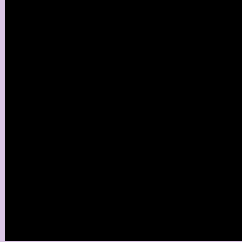
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.8130, 2.5650, 14.0930

Background



This preview shows how black text looks on a background with the YIQ color 207.8130, 2.5650, 14.0930.



This preview shows how white text looks on a background with the YIQ color 207.8130, 2.5650,

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

207.8130, 2.5650, 14.0930

Protanopia

206.4090, -11.0970, 8.3830

Deuteranopia

207.4920, -0.9650, 11.9870



Tritanopia

206.9070, 4.9960, 8.5800

Trichromacy



Original Color

207.8130, 2.5650, 14.0930

Protanomaly

207.2140, -6.0540, 10.6020

Deuteranomaly

207.5030, 0.5020, 12.9340

Tritanomaly

207.1890, 4.2620, 10.8700

Monochromacy



Original Color

207.8130, 2.5650, 14.0930

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

207.7600, 0.9160, 5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.8130, 2.5650, 14.0930 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(219, 198, 229)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 229)  
}
```

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(219, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 229) }
```

Border

The CSS property to change the border of an element to YIQ 207.8130, 2.5650, 14.0930 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(219, 198, 229) }
```


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

```
.border{ border-color:rgb(219, 198, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 198, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 198, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 198, 229); box-shadow:4px 4px 4px 4px rgb(219, 198, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 207.8130, 2.5650, 14.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 229) }
```

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

```
.background{ background-color: rgb(219,  
198, 229) }
```

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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