

Converting Colors

YIQ(211.8130, 2.5650, 14.0930)

Have a look what the booklet for
YIQ(211.8130, 2.5650, 14.0930)
contains.

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Color

**YIQ(211.8130, 2.5650,
14.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCAE9
RGB	223, 202, 233
RGB Percent	87%, 79%, 91%
CMY	0.1254, 0.2079, 0.0863
CMYK	0.04, 0.13, 0.00, 0.09
HSL	281°, 41%, 85%
HSV	281°, 13%, 91%
XYZ	66.2628, 63.8107, 85.9124
YIQ	211.8130, 2.5650, 14.0930

Conversions

Conversions Part 2

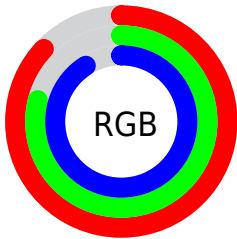
Format	Color
R _{YB}	223, 202, 233
Decimal	14666473
CIE _{Lab}	83.87, 12.89, -12.63
CIE _{LCh}	84, 18.043, 315.588
Yxy	63.8107, 0.3068, 0.2954
Android (android.graphics.Color)	4292856553 (0xFFDFCAE9)
YUV	211.8130, 10.4452, 9.8110
Hunter-Lab	79.8816, 8.2752, -7.8491

Details

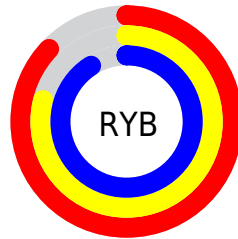
The YIQ color $211.8130, 2.5650, 14.0930$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $223.1870, -2.5650, -14.0930$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.2860, 2.6110, 13.2590$ is the 20% darker color. If you saturate the color by 10%, you get $196.2190, 4.7180, 24.6380$, and if you desaturate by 10%, it is $227.7060, 1.0080, 3.7600$.

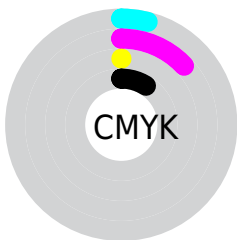
Distribution



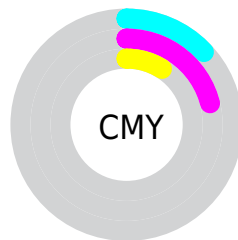
- Red (87%)
- Green (79%)
- Blue (91%)



- Red (87%)
- Yellow (79%)
- Blue (91%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.8130, 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 211.8130, 2.5650, 14.0930 by changing the saturation by 10% instead.

■ 211.8130, 2.5650,
14.0930

■ 211.8130, 2.5650,
14.0930

255.0000, -0.0000,
-0.0000

■ 184.4000, 2.2900,
13.5700

■ 157.2860, 2.6110,
13.2590

■ 130.9870, 2.0150,
13.0470

■ 105.8730, 2.3360,
12.7360

■ 81.4600, 2.0610,
12.2130

■ 58.6340, 1.5110,
11.1670

■ 36.5200, 1.8320,

10.8560

■ 14.0580, 3.2530,
12.6370

■ 0.5700, -1.6050,
1.5550

■ 211.8130, 2.5650,
14.0930

■ 211.8130, 2.5650,
14.0930

■ 196.2190, 4.7180,
24.6380

■ 227.7060, 1.0080,
3.7600

■ 179.7390, 6.5500,
35.4940

■ 243.8870, -1.4200,
-7.3080

■ 164.1450, 8.7030,
46.0390

■ 249.8010, 1.6980,
-8.7500

■ 148.2520, 10.2600,
56.3720

■ 251.8940, 5.8700,
-7.2660

■ 132.0710, 12.6880,
67.4400

■ 252.4920, 7.0620,
-6.8420

■ 116.1780, 14.2450,
77.7730

■ 100.5840, 16.3980,
88.3180

■ 84.6910, 17.9550,
98.6510

■ 73.8040, 19.3750,
105.9590

Harmonies

Analogous

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



210.0820, -14.4900, 9.3020



211.8130, 2.5650, 14.0930



212.5390, 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.



211.8130, 2.5650, 14.0930



209.5820, 24.4840, -3.1960



203.0390, -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.



211.8130, 2.5650, 14.0930



223.1870, -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.



203.3900, -19.2540, -14.5020



211.8130, 2.5650, 14.0930



207.6080, 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.



211.8130, 2.5650, 14.0930



210.9620, 29.5260, 4.5500



205.8880, -3.1610, -14.3050



203.8740, -34.9360, -5.6240

Rectangle

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



211.8130, 2.5650, 14.0930



212.0790, 25.1230, 12.7630



205.8880, -3.1610, -14.3050



202.9530, -28.1490, -12.9890

Sweetspot

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



211.8130, 2.5650, 14.0930



248.2330, 0.9620, 4.5940



211.4040, -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.



211.8130, 2.5650, 14.0930



227.0460, 3.5270, 18.6870



214.2330, 10.1300, 14.6580



109.6460, 1.2370, 5.1170



57.4110, 15.2070, 82.3670



16.9200, 4.1220, 24.4260

Inverse Universe

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



212.4090, 15.2660, 9.6820



227.7410, 20.2630, 12.7350



220.7670, -10.1300, -14.6580



109.6310, 5.5930, 3.2650



60.7310, 89.2580, 56.4100



18.0840, 26.7270, 16.7350

Previews

White Background



This preview shows how the YIQ color 211.8130, 2.5650, 14.0930 looks on a white background.

Color Contrast Check

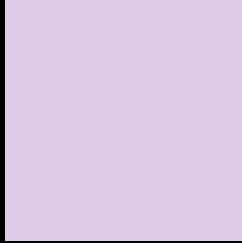
Large Text (above 18pt) WCAG AA × Fail

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 211.8130, 2.5650, 14.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

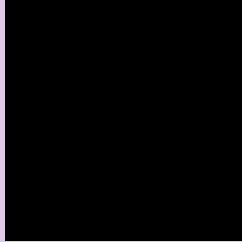
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.8130, 2.5650, 14.0930

Background



This preview shows how black text looks on a background with the YIQ color 211.8130, 2.5650, 14.0930.



This preview shows how white text looks on a background with the YIQ color 211.8130, 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

211.8130, 2.5650, 14.0930

Protanopia

210.4090, -11.0970, 8.3830

Deuteranopia

211.7910, -0.3690, 12.1990



Tritanopia

210.9070, 4.9960, 8.5800

Trichromacy



Original Color

211.8130, 2.5650, 14.0930

Protanomaly

211.2140, -6.0540, 10.6020

Deuteranomaly

211.5030, 0.5020, 12.9340

Tritanomaly

211.1890, 4.2620, 10.8700

Monochromacy



Original Color

211.8130, 2.5650, 14.0930

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.7600, 0.9160, 5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.8130, 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(223, 202, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 202, 233)  
}
```

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(223, 202, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 202, 233) }
```

Border

The CSS property to change the border of an element to YIQ 211.8130, 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(223, 202, 233) }
```


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

```
.border{ border-color:rgb(223, 202, 233) }
```

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

Here you see how a box with a 4 pixel rgb(223, 202, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 202, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 202, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 202,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 211.8130, 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(223, 202, 233) }
```

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

```
.background{ background-color: rgb(223,  
202, 233) }
```

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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