

Converting Colors

YIQ(202.7810, 5.5910, 14.3190)

Have a look what the booklet for
YIQ(202.7810, 5.5910, 14.3190)
contains.

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Color

**YIQ(202.7810, 5.5910,
14.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C0DD
RGB	217, 192, 221
RGB Percent	85%, 75%, 87%
CMY	0.1489, 0.2471, 0.1333
CMYK	0.02, 0.13, 0.00, 0.13
HSL	292°, 30%, 81%
HSV	292°, 13%, 87%
XYZ	60.5196, 57.6699, 76.3482
YIQ	202.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

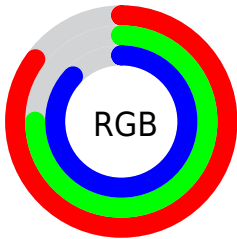
Format	Color
R_{YB}	217, 192, 221
Decimal	14270685
CIE _{Lab}	80.55, 13.97, -11.21
CIE _{LCh}	81, 17.908, 321.256
Yxy	57.6699, 0.3111, 0.2964
Android (android.graphics.Color)	4292460765 (0xFFD9C0DD)
YUV	202.7810, 8.9820, 12.4701
Hunter-Lab	75.9407, 9.3563, -6.4497

Details

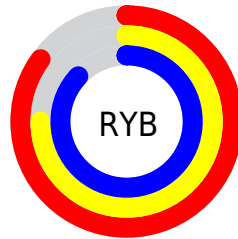
The YIQ color $202.7810, 5.5910, 14.3190$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $210.2190, -5.5910, -14.3190$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $250.8910, 1.9250, 3.6610$, and $148.3680, 5.3160, 13.7960$ is the 20% darker color. If you saturate the color by 10%, you get $188.9700, 9.8530, 25.1890$, and if you desaturate by 10%, it is $216.5920, 1.3290, 3.4490$.

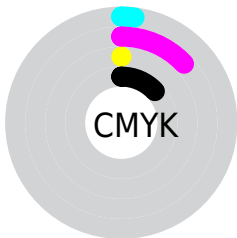
Distribution



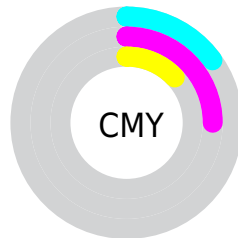
- Red (85%)
- Green (75%)
- Blue (87%)



- Red (85%)
- Yellow (75%)
- Blue (87%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.7810, 5.5910, 14.3190 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 202.7810, 5.5910, 14.3190 by changing the saturation by 10% instead.

■ 202.7810, 5.5910,
14.3190

■ 202.7810, 5.5910,
14.3190

255.0000, -0.0000,
-0.0000

■ 175.3680, 5.3160,
13.7960

■ 250.8910, 1.9250,
3.6610

■ 148.3680, 5.3160,
13.7960

■ 122.9550, 5.0410,
13.2730

■ 97.5420, 4.7660,
12.7500

■ 74.1290, 4.4910,
12.2270

■ 51.3030, 3.9410,
11.1810

■ 29.8900, 3.6660,

10.6580

■ 9.0150, 4.8120,
11.9160

■ 0.0000, 0.0000,
0.0000

■ 202.7810, 5.5910,
14.3190

■ 202.7810, 5.5910,
14.3190

■ 188.9700, 9.8530,
25.1890

■ 216.5920, 1.3290,
3.4490

■ 175.1590, 14.1150,
36.0590

■ 230.4030, -2.9330,
-7.4210

■ 161.3480, 18.3770,
46.9290

■ 242.4530, -6.3700,
-16.7220

■ 147.5370, 22.6390,
57.7990

■ 243.3500, -4.5820,
-16.0860

133.1390, 27.1760,
69.1920

244.2470, -2.7940,
-15.4500

119.3280, 31.4380,
80.0620

245.1440, -1.0060,
-14.8140

105.5170, 35.7000,
90.9320

246.0410, 0.7820,
-14.1780

91.7060, 39.9620,
101.8020

246.9380, 2.5700,
-13.5420

82.3030, 42.8950,
109.2230

247.8350, 4.3580,
-12.9060

Harmonies

Analogous

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



200.8760, -10.9140, 10.5740



202.7810, 5.5910, 14.3190



203.3820, 19.8960, 13.8800

Triad

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



202.7810, 5.5910, 14.3190



199.8590, 22.1460, -4.8780



193.9680, -32.5050, -11.1370

Complementary

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



202.7810, 5.5910, 14.3190



210.2190, -5.5910, -14.3190

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.



194.1340, -21.4090, -13.9930



202.7810, 5.5910, 14.3190



198.2270, 9.1260, -11.2100

Square

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



202.7810, 5.5910, 14.3190



201.6090, 29.0220, 2.6700



196.0340, -6.5080, -14.2200



194.9990, -33.7900, -4.3660

Rectangle

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



202.7810, 5.5910, 14.3190



202.7370, 26.0860, 11.8300



196.0340, -6.5080, -14.2200



193.9960, -29.7080, -12.2680

Sweetspot

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



202.7810, 5.5910, 14.3190



248.8310, 2.1540, 5.0180



197.6540, -10.4090, 6.9270



123.5920, 1.3290, 3.4490



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.



202.7810, 5.5910, 14.3190



229.1390, 7.6990, 20.1710



202.8370, 11.1850, 12.0570



102.9450, 1.8330, 5.3290



64.5720, 33.8670, 85.6030



17.2040, 9.0740, 22.7860

Inverse Universe

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



201.1270, 16.0000, 7.3920



226.9430, 22.5100, 10.5580



210.1630, -11.1850, -12.0570



102.4030, 6.2350, 2.6430



54.4630, 95.4040, 44.1400



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 202.7810, 5.5910, 14.3190 looks on a white background.

Color Contrast Check

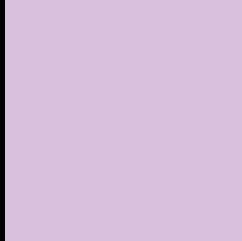
Large Text (above 18pt) WCAG AA × Fail

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 202.7810, 5.5910, 14.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

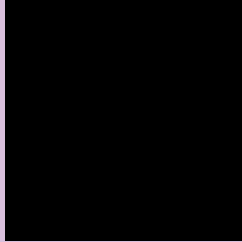
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.7810, 5.5910, 14.3190

Background



This preview shows how black text looks on a background with the YIQ color 202.7810, 5.5910, 14.3190.



This preview shows how white text looks on a background with the YIQ color 202.7810, 5.5910,

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

202.7810, 5.5910, 14.3190

Protanopia

201.0670, -10.1340, 7.4500

Deuteranopia

202.4490, 0.5940, 11.2660



Tritanopia

201.9890, 7.7010, 9.1170

Trichromacy



Original Color

202.7810, 5.5910, 14.3190

Protanomaly

201.5840, -4.2200, 10.4040

Deuteranomaly

202.7590, 2.6570, 12.4250

Tritanomaly

202.1570, 7.2880, 11.0960

Monochromacy



Original Color

202.7810, 5.5910, 14.3190

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7810, 5.5910, 14.3190 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(217, 192, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 192, 221)  
}
```

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(217, 192, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 192, 221) }
```

Border

The CSS property to change the border of an element to YIQ 202.7810, 5.5910, 14.3190 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(217, 192, 221) }
```


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

```
.border{ border-color:rgb(217, 192, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 192, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 192, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 192, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 192,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7810, 5.5910, 14.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 192, 221) }
```

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

```
.background{ background-color: rgb(217,  
192, 221) }
```

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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