

Converting Colors

YIQ(213.0900, 0.2270, 12.4110)

Have a look what the booklet for
YIQ(213.0900, 0.2270, 12.4110)
contains.

YIQ(213.0900, 0.2270, 12.4110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(213.0900, 0.2270,
12.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCDEA
RGB	221, 205, 234
RGB Percent	87%, 80%, 92%
CMY	0.1333, 0.1961, 0.0824
CMYK	0.06, 0.12, 0.00, 0.08
HSL	273°, 41%, 86%
HSV	273°, 12%, 92%
XYZ	66.5034, 64.9741, 86.8739
YIQ	213.0900, 0.2270, 12.4110

Conversions

Conversions Part 2

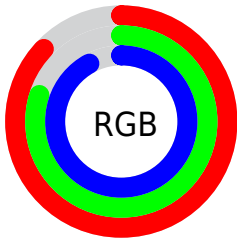
Format	Color
RYB	221, 205, 234
Decimal	14536170
CIELab	84.47, 10.82, -12.27
CIELCh	84, 16.365, 311.410
Yxy	64.9741, 0.3046, 0.2976
Android (android.graphics.Color)	4292726250 (0xFFDDCDEA)
YUV	213.0900, 10.3086, 6.9371
Hunter-Lab	80.6065, 6.2078, -7.4754

Details

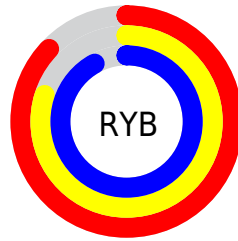
The YIQ color $213.0900, 0.2270, 12.4110$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $225.9100, -0.2270, -12.4110$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.5630, 0.2730, 11.5770$ is the 20% darker color. If you saturate the color by 10%, you get $196.5990, 0.5920, 22.3200$, and if you desaturate by 10%, it is $229.5810, -0.1380, 2.5020$.

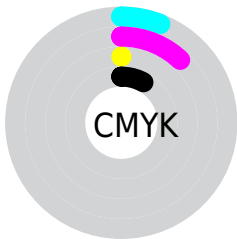
Distribution



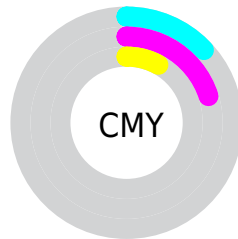
- Red (87%)
- Green (80%)
- Blue (92%)



- Red (87%)
- Yellow (80%)
- Blue (92%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0900, 0.2270, 12.4110 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 213.0900, 0.2270, 12.4110 by changing the saturation by 10% instead.

■ 213.0900, 0.2270,
12.4110

■ 213.0900, 0.2270,
12.4110

255.0000, -0.0000,
-0.0000

■ 185.6770, -0.0480,
11.8880

■ 158.5630, 0.2730,
11.5770

■ 132.2640, -0.3230,
11.3650

■ 107.1500, -0.0020,
11.0540

■ 82.7370, -0.2770,
10.5310

■ 59.6230, 0.0440,
10.2200

■ 37.7970, -0.5060,

9.1740

■ 16.2210, 1.2360,
10.6440

■ 0.7980, -2.2470,
2.1770

■ 213.0900, 0.2270,
12.4110

■ 213.0900, 0.2270,
12.4110

■ 196.5990, 0.5920,
22.3200

■ 229.5810, -0.1380,
2.5020

■ 179.2220, 0.6360,
32.5400

■ 246.9580, -0.1820,
-7.7180

■ 162.7310, 1.0010,
42.4490

■ 251.7090, 4.9530,
-7.1670

■ 145.3540, 1.0450,
52.6690

■ 252.6060, 6.7410,
-6.5310

■ 128.8630, 1.4100,
62.5780

■ 112.0730, 1.1790,
72.2750

■ 94.9950, 1.8190,
82.7070

■ 78.2050, 1.5880,
92.4040

■ 65.2470, 1.7700,
100.1220

Harmonies

Analogous

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



211.1420, -14.7190, 7.9450



213.0900, 0.2270, 12.4110



213.7450, 14.4400, 13.6400

Triad

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



213.0900, 0.2270, 12.4110



211.6250, 22.9250, -2.4750



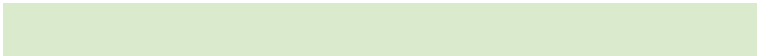
205.4910, -26.7280, -11.2080

Complementary

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



213.0900, 0.2270, 12.4110



225.9100, -0.2270, -12.4110

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.



206.0700, -15.3570, -13.5410



213.0900, 0.2270, 12.4110



209.9610, 12.9310, -8.5810

Square

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



213.0900, 0.2270, 12.4110



212.7060, 27.3710, 5.0590



207.6110, -0.8230, -12.6230



206.3150, -31.8640, -6.2320

Rectangle

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



213.0900, 0.2270, 12.4110



213.8120, 21.5010, 12.3250



207.6110, -0.8230, -12.6230



205.5190, -23.9310, -12.3390

Sweetspot

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



213.0900, 0.2270, 12.4110



247.6350, -0.2300, 4.1700



215.9370, -12.8840, 2.2200



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.



213.0900, 0.2270, 12.4110



227.6110, 0.3180, 16.2700



216.8630, 8.2960, 14.8560



109.0480, 0.0450, 4.6930



50.5340, 1.4990, 77.4910



15.1260, 0.5460, 23.1540

Inverse Universe

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



215.1530, 13.1110, 10.1910



230.3000, 17.1910, 13.3430



222.1370, -8.2960, -14.8560



109.8590, 4.9510, 3.8870



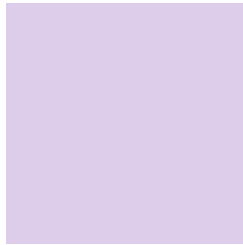
63.3530, 81.8750, 63.5630



18.8820, 24.4800, 18.9120

Previews

White Background



This preview shows how the YIQ color 213.0900, 0.2270, 12.4110 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 213.0900, 0.2270, 12.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

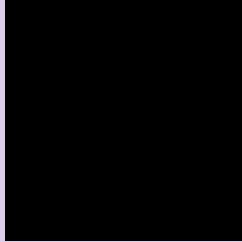
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.0900, 0.2270, 12.4110

Background



This preview shows how black text looks on a background with the YIQ color 213.0900, 0.2270, 12.4110.



This preview shows how white text looks on a background with the YIQ color 213.0900, 0.2270,

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

213.0900, 0.2270, 12.4110

Protanopia

211.5940, -10.1800, 8.2840

Deuteranopia

213.0900, 0.2270, 12.4110



Tritanopia

212.4120, 2.0160, 7.5200

Trichromacy



Original Color

213.0900, 0.2270, 12.4110

Protanomaly

212.3880, -6.6040, 9.5560

Deuteranomaly

213.0900, 0.2270, 12.4110

Tritanomaly

212.5800, 1.6030, 9.4990

Monochromacy



Original Color

213.0900, 0.2270, 12.4110

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0480, 0.0450, 4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0900, 0.2270, 12.4110 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(221, 205, 234)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 234)  
}
```

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(221, 205, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 234) }
```

Border

The CSS property to change the border of an element to YIQ 213.0900, 0.2270, 12.4110 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(221, 205, 234) }
```


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

```
.border{ border-color:rgb(221, 205, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 205, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 205, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 205, 234);  
box-shadow:4px 4px 4px 4px rgb(221, 205,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0900, 0.2270, 12.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 205, 234) }
```

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

```
.background{ background-color: rgb(221,  
205, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor