

Converting Colors

YIQ(214.2000, -3.4390, 1.7530)

Have a look what the booklet for
YIQ(214.2000, -3.4390, 1.7530)
contains.

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Color

**YIQ(214.2000, -3.4390,
1.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D6DD
RGB	212, 214, 221
RGB Percent	83%, 84%, 87%
CMY	0.1686, 0.1608, 0.1333
CMYK	0.04, 0.03, 0.00, 0.13
HSL	227°, 12%, 85%
HSV	227°, 4%, 87%
XYZ	64.2486, 67.3108, 78.0092
YIQ	214.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

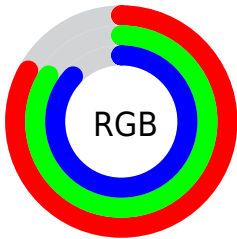
Format	Color
R _Y B	212, 214, 221
Decimal	13948637
CIE Lab	85.66, 0.62, -3.68
CIE LCh	86, 3.736, 279.545
Yxy	67.3108, 0.3066, 0.3212
Android (android.graphics.Color)	4292138717 (0xFFD4D6DD)
YUV	214.2000, 3.3524, -1.9294
Hunter-Lab	82.0432, -3.7908, 1.0554

Details

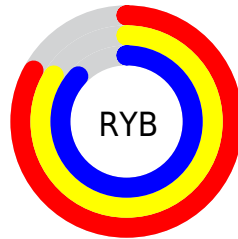
The YIQ color **214.2000, -3.4390, 1.7530** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218.8000, 3.4390, -1.7530**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **159.2000, -3.4390, 1.7530** is the 20% darker color. If you saturate the color by 10%, you get **197.6430, -11.8760, 5.9800**, and if you desaturate by 10%, it is **230.7570, 4.9980, -2.4740**.

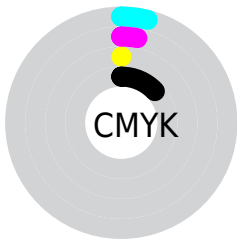
Distribution



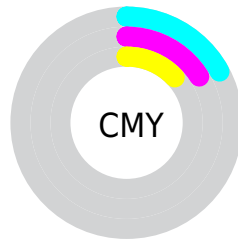
- Red (83%)
- Green (84%)
- Blue (87%)



- Red (83%)
- Yellow (84%)
- Blue (87%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2000, -3.4390, 1.7530 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 214.2000, -3.4390, 1.7530 by changing the saturation by 10% instead.

■ 214.2000, -3.4390,
1.7530

■ 214.2000, -3.4390,
1.7530

255.0000, -0.0000,
-0.0000

■ 186.2000, -3.4390,
1.7530

■ 159.2000, -3.4390,
1.7530

■ 133.2000, -3.4390,
1.7530

■ 108.0860, -3.1180,
1.4420

■ 84.0860, -3.1180,
1.4420

■ 60.9720, -2.7970,
1.1310

■ 38.9720, -2.7970,

1.1310

■ 18.3850, -2.5220,
1.6540

■ 0.0000, 0.0000,
0.0000

■ 214.2000, -3.4390,
1.7530

■ 214.2000, -3.4390,
1.7530

■ 197.6430,
-11.8760, 5.9800

■ 230.7570, 4.9980,
-2.4740

■ 181.0860,
-20.3130, 10.2070

■ 247.0150, 12.8390,
-6.9130

■ 163.9420,
-28.4750, 14.9570

■ 251.1240, 10.9140,
-10.5740

■ 147.3850,
-36.9120, 19.1840

■ 130.8280,
-45.3490, 23.4110

■ 113.9720,
-54.3820, 27.4260

■ 97.4150, -62.8190,
31.6530

■ 80.8580, -71.2560,
35.8800

■ 63.7140, -79.4180,
40.6300

Harmonies

Analogous

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



213.5910, -6.0980, 0.3820



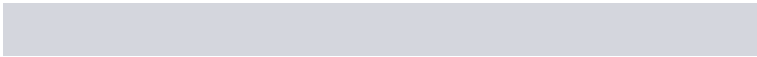
214.2000, -3.4390, 1.7530



214.6950, -0.4590, 2.8130

Triad

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



214.2000, -3.4390, 1.7530



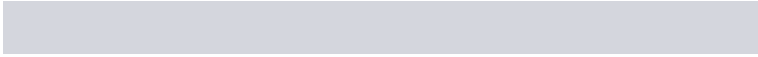
214.7620, 6.6020, 1.4980



213.1520, -3.4840, -2.9400

Complementary

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



214.2000, -3.4390, 1.7530



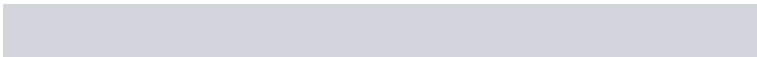
218.8000, 3.4390, -1.7530

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.



213.4190, 0.1380, -2.5020



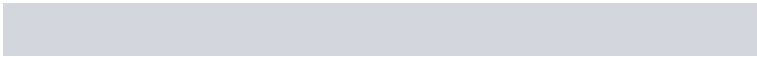
214.2000, -3.4390, 1.7530



214.5230, 5.7770, -0.0710

Square

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



214.2000, -3.4390, 1.7530



215.1040, 5.6390, 2.4310



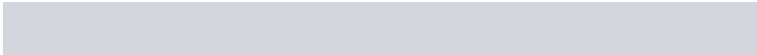
213.8000, 3.4390, -1.7530



212.8960, -5.6390, -2.4310

Rectangle

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



214.2000, -3.4390, 1.7530



214.7770, 2.2460, 3.3500



213.8000, 3.4390, -1.7530



213.2230, -2.2460, -3.3500

Sweetspot

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



214.2000, -3.4390, 1.7530



252.9290, -1.2380, 0.4100



218.0810, -4.7220, -2.5300



126.8150, -0.9170, 0.0990



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.



214.2000, -3.4390, 1.7530



245.2430, -4.9980, 2.4740



213.6240, -1.6970, 3.2230



104.9720, -2.7970, 1.1310



42.6150, -66.2580, 33.4060



11.1140, -17.5160, 9.0760

Inverse Universe

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



214.9190, 4.7220, 2.5300



246.2290, 6.7850, 3.6890



219.3760, 1.6970, -3.2230



105.3210, 3.5300, 2.1060



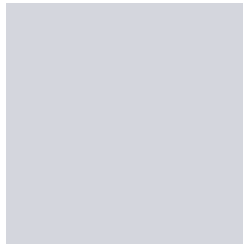
56.1730, 90.5890, 48.8050



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 214.2000, -3.4390, 1.7530 looks on a white background.

Color Contrast Check

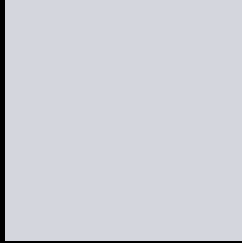
Large Text (above 18pt) WCAG AA × Fail

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 214.2000, -3.4390, 1.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

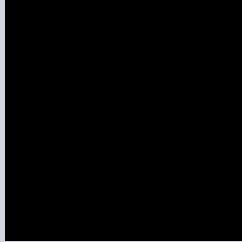
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

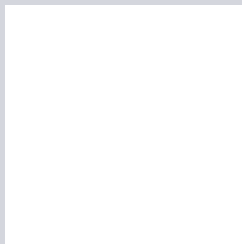
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.2000, -3.4390, 1.7530

Background



This preview shows how black text looks on a background with the YIQ color 214.2000, -3.4390, 1.7530.



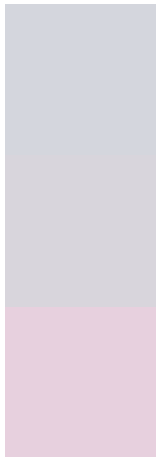
This preview shows how white text looks on a background with the YIQ color 214.2000, -3.4390,

1.7530.

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

214.2000, -3.4390, 1.7530

Protanopia

214.6950, -0.4590, 2.8130

Deuteranopia

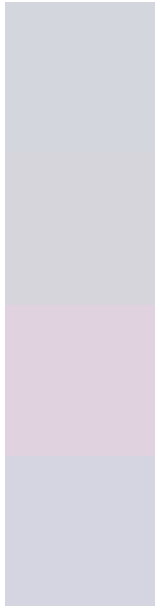
216.4730, 9.2140, 9.2300



Tritanopia

214.8240, -5.1360, 4.9760

Trichromacy



Original Color

214.2000, -3.4390, 1.7530

Protanomaly

214.3960, -1.0550, 2.6010

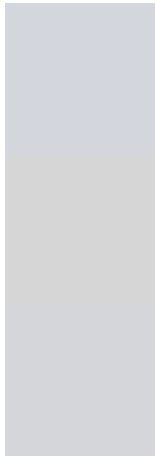
Deuteranomaly

215.5540, 4.4920, 6.7000

Tritanomaly

214.4820, -4.1730, 4.0430

Monochromacy



Original Color

214.2000, -3.4390, 1.7530

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2000, -3.4390, 1.7530 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(212, 214, 221)` looks like.

```
.text, #text, p{  
    color:rgb(212, 214, 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(212, 214, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 214, 221) }
```

Border

The CSS property to change the border of an element to YIQ 214.2000, -3.4390, 1.7530 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(212, 214, 221) }
```


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

```
.border{ border-color:rgb(212, 214, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 214, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 214, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 214, 221);  
box-shadow:4px 4px 4px 4px rgb(212, 214,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2000, -3.4390, 1.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 214, 221) }
```

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

```
.background{ background-color: rgb(212,  
214, 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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