

Converting Colors

YIQ(214.5010, -5.1840, 16.8640)

Have a look what the booklet for
YIQ(214.5010, -5.1840, 16.8640)
contains.

YIQ(214.5010, -5.1840, 16.8640)	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(214.5010, -5.1840,
16.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCDF9
RGB	220, 205, 249
RGB Percent	86%, 80%, 98%
CMY	0.1372, 0.1961, 0.0236
CMYK	0.12, 0.18, 0.00, 0.02
HSL	260°, 79%, 89%
HSV	260°, 18%, 98%
XYZ	68.4466, 65.7165, 98.6882
YIQ	214.5010, -5.1840, 16.8640

Conversions

Conversions Part 2

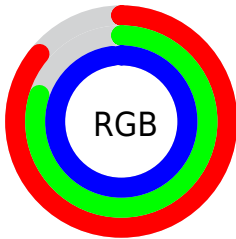
Format	Color
R _Y B	220, 205, 249
Decimal	14470649
CIE Lab	84.85, 13.46, -19.67
CIE LCh	85, 23.836, 304.389
Yxy	65.7165, 0.2939, 0.2822
Android (android.graphics.Color)	4292660729 (0xFFDCCDF9)
YUV	214.5010, 17.0080, 4.8226
Hunter-Lab	81.0657, 8.8488, -15.4327

Details

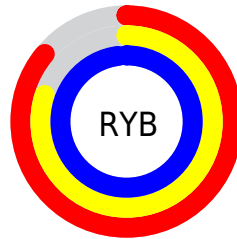
The YIQ color $214.5010, -5.1840, 16.8640$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.4990, 5.1840, -16.8640$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.8600, -4.8170, 15.7190$ is the 20% darker color. If you saturate the color by 10%, you get $195.0420, -7.8450, 26.5470$, and if you desaturate by 10%, it is $233.9600, -2.5230, 7.1810$.

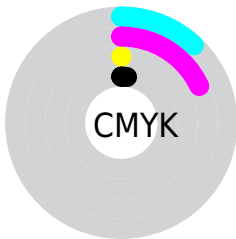
Distribution



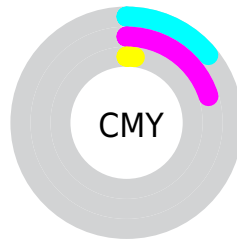
- Red (86%)
- Green (80%)
- Blue (98%)



- Red (86%)
- Yellow (80%)
- Blue (98%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.5010, -5.1840, 16.8640 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 214.5010, -5.1840, 16.8640 by changing the saturation by 10% instead.

■ 214.5010, -5.1840,
16.8640

■ 214.5010, -5.1840,
16.8640

255.0000, -0.0000,
-0.0000

■ 186.9740, -5.1380,
16.0300

■ 159.8600, -4.8170,
15.7190

■ 133.4470, -5.0920,
15.1960

■ 108.0340, -5.3670,
14.6730

■ 83.8060, -4.7250,
14.0510

■ 60.3930, -5.0000,
13.5280

■ 38.4530, -5.2290,

12.1710

■ 17.0510, -4.0370,
12.5950

■ 3.0950, -7.3370,
6.3190

■ 214.5010, -5.1840,
16.8640

■ 214.5010, -5.1840,
16.8640

■ 195.0420, -7.8450,
26.5470

■ 233.9600, -2.5230,
7.1810

■ 175.2840,
-11.1020, 36.0180

■ 253.7180, 0.7340,
-2.2900

■ 155.8250,
-13.7630, 45.7010

■ 254.3160, 1.9260,
-1.8660

■ 136.0670,
-17.0200, 55.1720

■ 117.1950,
-19.9560, 64.3320

■ 97.7360, -22.6170,
74.0150

■ 77.9780, -25.8740,
83.4860

■ 58.5190, -28.5350,
93.1690

■ 53.8010, -29.2690,
95.4590

Harmonies

Analogous

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



210.9110, -27.1900, 8.1860



214.5010, -5.1840, 16.8640



216.2170, 16.2270, 19.8030

Triad

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



214.5010, -5.1840, 16.8640



212.9100, 35.3040, -1.0480



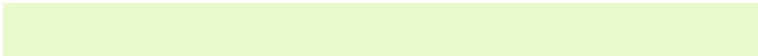
203.1150, -37.5930, -18.0490

Complementary

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



214.5010, -5.1840, 16.8640



239.4990, 5.1840, -16.8640

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.



205.1140, -18.6570, -19.8170



214.5010, -5.1840, 16.8640



210.4690, 23.0640, -10.5040

Square

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



214.5010, -5.1840, 16.8640



213.7890, 37.5030, 8.6630



207.9010, 3.9920, -17.2880



203.2420, -47.9560, -11.9560

Rectangle

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



214.5010, -5.1840, 16.8640



215.7360, 27.8270, 18.8270



207.9010, 3.9920, -17.2880



203.8120, -32.3660, -19.1660

Sweetspot

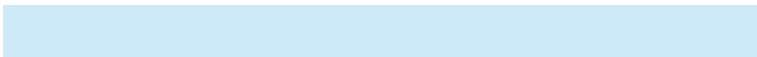
The Sweet Spot groups the original color and five complimentary colors.



214.5010, -5.1840, 16.8640



244.9770, -1.1930, 5.1030



227.0390, -22.0990, -1.4830



121.5100, -1.3760, 2.9120



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.



214.5010, -5.1840, 16.8640



212.8370, -6.0100, 20.8220



221.0790, 7.9280, 21.5280



114.9770, -1.1930, 5.1030



40.6820, -22.5250, 72.3470



13.2330, -7.0650, 23.4230

Inverse Universe

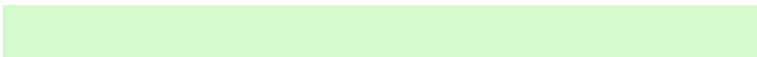
The Inverse Universe completely reimagines the original color for something new.



221.4620, 16.9150, 18.3470



221.2500, 20.6280, 22.6440



232.9210, -7.9280, -21.5280



116.9130, 4.8590, 5.5550



70.6470, 72.8400, 78.6320



22.7990, 23.5160, 25.3720

Previews

White Background



This preview shows how the YIQ color 214.5010, -5.1840, 16.8640 looks on a white background.

Color Contrast Check

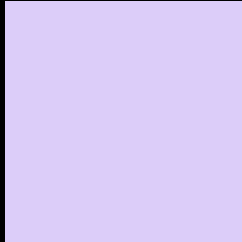
Large Text (above 18pt) WCAG AA × Fail

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 214.5010, -5.1840, 16.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

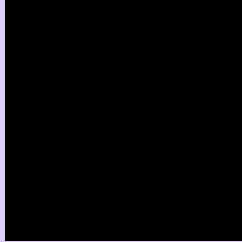
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.5010, -5.1840, 16.8640

Background



This preview shows how black text looks on a background with the YIQ color 214.5010, -5.1840, 16.8640.



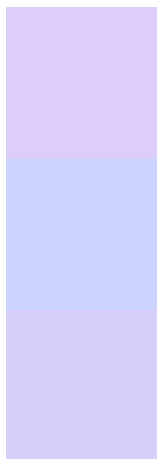
This preview shows how white text looks on a background with the YIQ color 214.5010, -5.1840,

16.8640.

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

214.5010, -5.1840, 16.8640

Protanopia

212.6950, -17.6540, 11.5780

Deuteranopia

214.1800, -8.7140, 14.7580



Tritanopia

213.0310, -1.2850, 6.7710

Trichromacy



Original Color

214.5010, -5.1840, 16.8640

Protanomaly

213.2010, -13.2070, 13.5850

Deuteranomaly

214.1910, -7.2470, 15.7050

Tritanomaly

213.6550, -2.9820, 9.9940

Monochromacy



Original Color

214.5010, -5.1840, 16.8640

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.6180, -1.5600, 6.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.5010, -5.1840, 16.8640 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(220, 205, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 249)  
}
```

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(220, 205, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 249) }
```

Border

The CSS property to change the border of an element to YIQ 214.5010, -5.1840, 16.8640 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(220, 205, 249) }
```


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

```
.border{ border-color:rgb(220, 205, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 214.5010, -5.1840, 16.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 249) }
```

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

```
.background{ background-color: rgb(220,  
205, 249) }
```

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