

Converting Colors

YIQ(215.1590, -4.2210, 15.9310)

Have a look what the booklet for
YIQ(215.1590, -4.2210, 15.9310)
contains.

YIQ(215.1590, -4.2210, 15.9310)	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(215.1590, -4.2210,
15.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCEF7
RGB	221, 206, 247
RGB Percent	87%, 81%, 97%
CMY	0.1333, 0.1922, 0.0314
CMYK	0.11, 0.17, 0.00, 0.03
HSL	262°, 72%, 89%
HSV	262°, 17%, 97%
XYZ	68.6800, 66.2289, 97.1493
YIQ	215.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

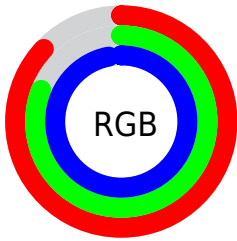
Format	Color
R _Y B	221, 206, 247
Decimal	14536439
CIE Lab	85.11, 12.85, -18.21
CIE LCh	85, 22.283, 305.201
Yxy	66.2289, 0.2960, 0.2854
Android (android.graphics.Color)	4292726519 (0xFFDDCEF7)
YUV	215.1590, 15.6976, 5.1226
Hunter-Lab	81.3811, 8.2245, -13.8111

Details

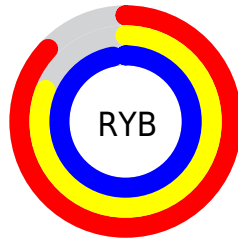
The YIQ color $215.1590, -4.2210, 15.9310$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $237.8410, 4.2210, -15.9310$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $160.6320, -4.1750, 15.0970$ is the 20% darker color. If you saturate the color by 10%, you get $195.7000, -6.8820, 25.6140$, and if you desaturate by 10%, it is $234.6180, -1.5600, 6.2480$.

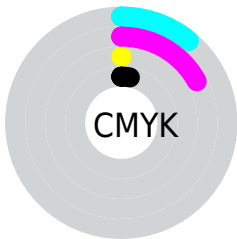
Distribution



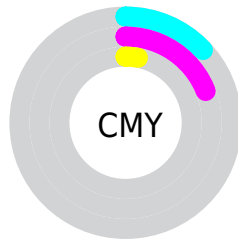
- Red (87%)
- Green (81%)
- Blue (97%)



- Red (87%)
- Yellow (81%)
- Blue (97%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.1590, -4.2210, 15.9310 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 215.1590, -4.2210, 15.9310 by changing the saturation by 10% instead.

■ 215.1590, -4.2210,
15.9310

■ 215.1590, -4.2210,
15.9310

255.0000, -0.0000,
-0.0000

■ 187.0450, -3.9000,
15.6200

■ 160.6320, -4.1750,
15.0970

■ 134.1050, -4.1290,
14.2630

■ 108.9910, -3.8080,
13.9520

■ 84.5780, -4.0830,
13.4290

■ 61.0510, -4.0370,
12.5950

■ 39.2250, -4.5870,

11.5490

■ 17.8230, -3.3950,
11.9730

■ 2.8670, -6.6950,
5.6970

■ 215.1590, -4.2210,
15.9310

■ 215.1590, -4.2210,
15.9310

■ 195.7000, -6.8820,
25.6140

■ 234.6180, -1.5600,
6.2480

■ 177.1270, -9.2220,
34.9860

■ 253.1910, 0.7800,
-3.1240

■ 157.6680,
-11.8830, 44.6690

■ 254.0880, 2.5680,
-2.4880

■ 138.2090,
-14.5440, 54.3520

■ 119.6360,
-16.8840, 63.7240

■ 100.1770,
-19.5450, 73.4070

■ 80.7180, -22.2060,
83.0900

■ 61.5580, -24.2710,
92.9850

■ 55.0680, -25.6470,
95.8970

Harmonies

Analogous

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



211.6940, -25.0810, 8.5110



215.1590, -4.2210, 15.9310



216.3910, 15.6770, 18.7570

Triad

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



215.1590, -4.2210, 15.9310



213.2410, 32.8740, -1.0620



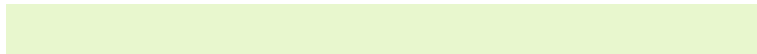
204.5390, -35.8510, -16.5790

Complementary

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



215.1590, -4.2210, 15.9310



237.8410, 4.2210, -15.9310

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.



206.2390, -17.5110, -18.5590



215.1590, -4.2210, 15.9310



211.2130, 20.9090, -9.9950

Square

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



215.1590, -4.2210, 15.9310



215.1910, 36.3110, 8.2390



209.2430, 3.0290, -16.3550



205.0360, -44.3800, -10.6840

Rectangle

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



215.1590, -4.2210, 15.9310



216.6110, 26.6810, 17.5690



209.2430, 3.0290, -16.3550



205.1220, -30.3030, -18.0070

Sweetspot

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



215.1590, -4.2210, 15.9310



244.9770, -1.1930, 5.1030



226.5230, -20.5860, -1.3700



121.8090, -0.7800, 3.1240



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.



215.1590, -4.2210, 15.9310



215.4950, -5.0470, 19.8890



221.1390, 7.6990, 20.1710



112.8630, -0.8720, 4.7920



41.5360, -19.1780, 72.2620



13.0050, -6.4230, 22.8010

Inverse Universe

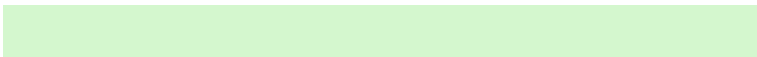
The Inverse Universe completely reimagines the original color for something new.



221.2230, 16.0900, 16.7780



222.8970, 20.1240, 20.7640



231.8610, -7.6990, -20.1710



114.5000, 4.5840, 5.0320



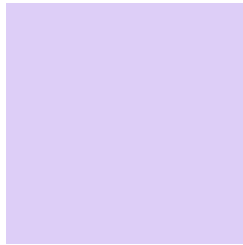
69.0660, 72.9780, 76.1300



21.8590, 23.2870, 24.0150

Previews

White Background



This preview shows how the YIQ color 215.1590, -4.2210, 15.9310 looks on a white background.

Color Contrast Check

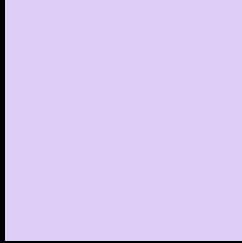
Large Text (above 18pt) WCAG AA × Fail

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 215.1590, -4.2210, 15.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

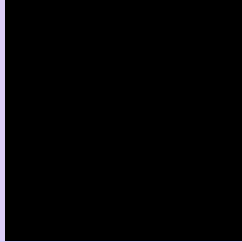
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.1590, -4.2210, 15.9310

Background



This preview shows how black text looks on a background with the YIQ color 215.1590, -4.2210, 15.9310.



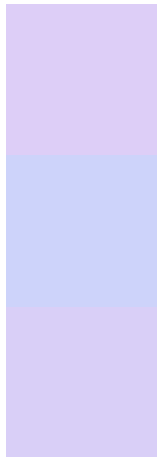
This preview shows how white text looks on a background with the YIQ color 215.1590, -4.2210,

15.9310.

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

215.1590, -4.2210, 15.9310

Protanopia

213.6520, -16.0950, 10.8570

Deuteranopia

214.5500, -6.8800, 14.5600



Tritanopia

214.2160, -0.3680, 6.6720

Trichromacy



Original Color

215.1590, -4.2210, 15.9310

Protanomaly

214.1580, -11.6480, 12.8640

Deuteranomaly

214.8490, -6.2840, 14.7720

Tritanomaly

214.8400, -2.0650, 9.8950

Monochromacy



Original Color

215.1590, -4.2210, 15.9310

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.2050, -1.8350, 5.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.1590, -4.2210, 15.9310 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, 206, 247)` looks like.

```
.text, #text, p{  
    color:rgb(221, 206, 247)  
}
```

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, 206, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 206, 247) }
```

Border

The CSS property to change the border of an element to YIQ 215.1590, -4.2210, 15.9310 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, 206, 247) }
```


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

```
.border{ border-color:rgb(221, 206, 247) }
```

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

Here you see how a box with a 4 pixel rgb(221, 206, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 206, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 206, 247);  
box-shadow:4px 4px 4px 4px rgb(221, 206,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 215.1590, -4.2210, 15.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 206, 247) }
```

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

```
.background{ background-color: rgb(221,  
206, 247) }
```

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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