

Converting Colors

YIQ(215.7880, -13.4820,
13.0620)

Have a look what the booklet for
YIQ(215.7880, -13.4820, 13.0620)
contains.

YIQ(215.7880, -13.4820, 13.0620)	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(215.7880, -13.4820,
13.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D3FD
RGB	211, 211, 253
RGB Percent	83%, 83%, 99%
CMY	0.1725, 0.1725, 0.0079
CMYK	0.17, 0.17, 0.00, 0.01
HSL	240°, 91%, 91%
HSV	240°, 17%, 99%
XYZ	67.8863, 67.5289, 102.3666
YIQ	215.7880, -13.4820, 13.0620

Conversions

Conversions Part 2

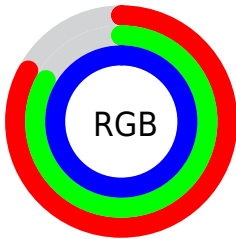
Format	Color
R _Y B	211, 211, 253
Decimal	13882365
CIE Lab	85.77, 8.28, -20.46
CIE LCh	86, 22.072, 292.023
Yxy	67.5289, 0.2855, 0.2840
Android (android.graphics.Color)	4292072445 (0xFFD3D3FD)
YUV	215.7880, 18.3455, -4.1991
Hunter-Lab	82.1760, 3.6525, -16.3343

Details

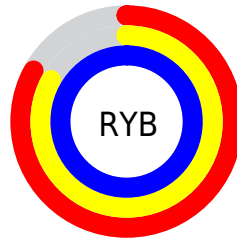
The YIQ color $215.7880, -13.4820, 13.0620$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $248.2120, 13.4820, -13.0620$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.1470, -13.1150, 11.9170$ is the 20% darker color. If you saturate the color by 10%, you get $193.6380, -21.5070, 20.8370$, and if you desaturate by 10%, it is $237.9380, -5.4570, 5.2870$.

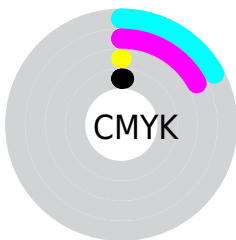
Distribution



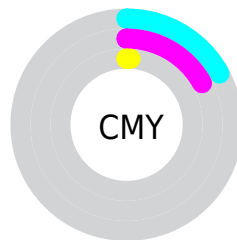
- Red (83%)
- Green (83%)
- Blue (99%)



- Red (83%)
- Yellow (83%)
- Blue (99%)



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.7880, -13.4820, 13.0620 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 215.7880, -13.4820, 13.0620 by changing the saturation by 10% instead.

■ 215.7880,
-13.4820, 13.0620

■ 215.7880,
-13.4820, 13.0620

255.0000, -0.0000,
-0.0000

■ 187.6740,
-13.1610, 12.7510

■ 161.1470,
-13.1150, 11.9170

■ 135.0330,
-12.7940, 11.6060

■ 108.9190,
-12.4730, 11.2950

■ 84.5060, -12.7480,
10.7720

■ 61.2780, -12.1060,
10.1500

■ 39.3380, -12.3350,

8.7930

■ 17.6260, -13.2060,
8.0580

■ 3.4370, -8.3000,
7.2520

■ 215.7880,
-13.4820, 13.0620

■ 215.7880,
-13.4820, 13.0620

■ 193.6380,
-21.5070, 20.8370

■ 237.9380, -5.4570,
5.2870

■ 170.6020,
-29.8530, 28.9230

254.7720, 0.6420,
-0.6220

■ 148.4520,
-37.8780, 36.6980

■ 126.3020,
-45.9030, 44.4730

■ 104.1520,
-53.9280, 52.2480

■ 81.1160, -62.2740,
60.3340

■ 58.9660, -70.2990,
68.1090

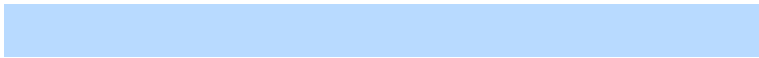
■ 36.8160, -78.3240,
75.8840

■ 28.8420, -81.2130,
78.6830

Harmonies

Analogous

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



212.0520, -32.1410, 4.2990



215.7880, -13.4820, 13.0620



217.6720, 7.5160, 17.9800

Triad

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



215.7880, -13.4820, 13.0620



216.4310, 35.3950, 2.8110



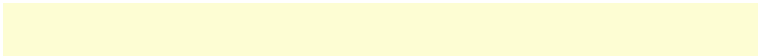
206.9050, -28.1940, -17.6820

Complementary

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



215.7880, -13.4820, 13.0620



248.2120, 13.4820, -13.0620

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.



209.1430, -8.4330, -17.8810



215.7880, -13.4820, 13.0620



214.1430, 27.0980, -6.5180

Square

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



215.7880, -13.4820, 13.0620



216.4450, 32.7800, 11.6600



212.0160, 11.0980, -13.9100



206.0100, -41.4910, -13.4830

Rectangle

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



215.7880, -13.4820, 13.0620



218.4300, 19.9410, 18.5730



212.0160, 11.0980, -13.9100



208.2000, -21.7750, -18.3750

Sweetspot

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



215.7880, -13.4820, 13.0620



243.4820, -4.1730, 4.0430



240.4420, -25.0320, -8.9040



120.9120, -2.5680, 2.4880



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.



215.7880, -13.4820, 13.0620



209.8140, -16.3710, 15.8610



222.0670, -0.9660, 17.5140



116.4820, -4.1730, 4.0430



21.7740, -61.3110, 59.4010



7.2960, -20.5440, 19.9040

Inverse Universe

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



228.3460, 11.5500, 21.9660



225.0630, 14.0250, 26.6730



241.9330, 0.9660, -17.5140



120.2550, 3.8960, 6.4880



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 215.7880, -13.4820, 13.0620 looks on a white background.

Color Contrast Check

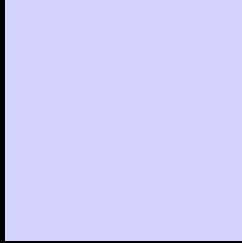
Large Text (above 18pt) WCAG AA × Fail

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 215.7880, -13.4820, 13.0620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

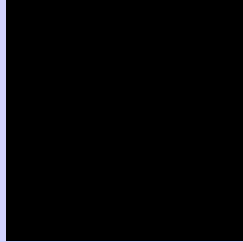
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 215.7880, -13.4820, 13.0620

Background



This preview shows how black text looks on a background with the YIQ color 215.7880, -13.4820, 13.0620.



This preview shows how white text looks on a background with the YIQ color 215.7880, -13.4820, 13.0620.

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

215.7880, -13.4820, 13.0620

Protanopia

214.9940, -17.0580, 11.7900

Deuteranopia

216.1090, -9.9520, 15.1680



Tritanopia

214.5460, -10.2250, 3.5910

Trichromacy



Original Color

215.7880, -13.4820, 13.0620

Protanomaly

215.5920, -15.8660, 12.2140

Deuteranomaly

216.0980, -11.4190, 14.2210

Tritanomaly

215.1700, -11.9220, 6.8140

Monochromacy



Original Color

215.7880, -13.4820, 13.0620

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.7100, -4.8150, 4.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.7880, -13.4820, 13.0620 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(211, 211, 253)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 253)  
}
```

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(211, 211, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 253) }
```

Border

The CSS property to change the border of an element to YIQ 215.7880, -13.4820, 13.0620 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(211, 211, 253) }
```


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

```
.border{ border-color:rgb(211, 211, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 253);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 215.7880, -13.4820, 13.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 253) }
```

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

```
.background{ background-color: rgb(211,  
211, 253) }
```

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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