

Converting Colors

YIQ(222.8160, -10.6850,
11.9310)

Have a look what the booklet for
YIQ(222.8160, -10.6850, 11.9310)
contains.

YIQ(222.8160, -10.6850, 11.9310)	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(222.8160, -10.6850,
11.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDAFF
RGB	220, 218, 255
RGB Percent	86%, 85%, 100%
CMY	0.1372, 0.1451, 0.0001
CMYK	0.14, 0.15, 0.00, 0.00
HSL	243°, 100%, 93%
HSV	243°, 15%, 100%
XYZ	72.6356, 72.5780, 104.7731
YIQ	222.8160, -10.6850, 11.9310

Conversions

Conversions Part 2

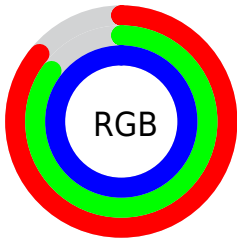
Format	Color
R _Y B	220, 218, 255
Decimal	14473983
CIE Lab	88.25, 7.79, -17.72
CIE LCh	88, 19.355, 293.747
Yxy	72.5780, 0.2906, 0.2903
Android (android.graphics.Color)	4292664063 (0xFFDCDAFF)
YUV	222.8160, 15.8667, -2.4696
Hunter-Lab	85.1927, 3.1025, -13.2821

Details

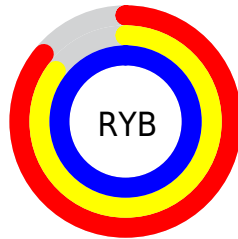
The YIQ color $222.8160, -10.6850, 11.9310$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $250.1840, 10.6850, -11.9310$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.5880, -10.0430, 11.3090$ is the 20% darker color. If you saturate the color by 10%, you get $200.9650, -18.1140, 19.9180$, and if you desaturate by 10%, it is $245.2540, -3.5310, 3.4210$.

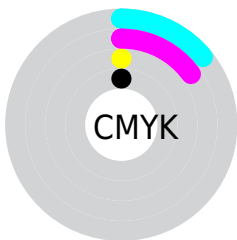
Distribution



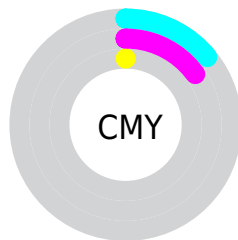
- Red (86%)
- Green (85%)
- Blue (100%)



- Red (86%)
- Yellow (85%)
- Blue (100%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.8160, -10.6850, 11.9310 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 222.8160, -10.6850, 11.9310 by changing the saturation by 10% instead.

■ 222.8160,
-10.6850, 11.9310

■ 222.8160,
-10.6850, 11.9310

255.0000, -0.0000,
-0.0000

■ 194.7020,
-10.3640, 11.6200

■ 167.5880,
-10.0430, 11.3090

■ 141.1750,
-10.3180, 10.7860

■ 115.9470, -9.6760,
10.1640

■ 90.9470, -9.6760,
10.1640

■ 67.4200, -9.6300,
9.3300

■ 44.8930, -9.5840,

8.4960

■ 24.0670, -10.1340,
7.4500

■ 3.6650, -8.9420,
7.8740

■ 222.8160,
-10.6850, 11.9310

■ 222.8160,
-10.6850, 11.9310

■ 200.9650,
-18.1140, 19.9180

■ 245.2540, -3.5310,
3.4210

■ 178.5270,
-25.2680, 28.4280

255.0000, -0.0000,
-0.0000

■ 156.6760,
-32.6970, 36.4150

■ 134.2380,
-39.8510, 44.9250

■ 112.0880,
-47.8760, 52.7000

■ 89.6500, -55.0300,
61.2100

■ 67.7990, -62.4590,
69.1970

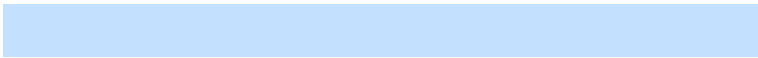
■ 45.3610, -69.6130,
77.7070

■ 33.2560, -73.5110,
82.2730

Harmonies

Analogous

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



219.1620, -26.6390, 3.7050



222.8160, -10.6850, 11.9310



224.5040, 7.9290, 16.0010

Triad

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



222.8160, -10.6850, 11.9310



222.8650, 31.1770, 2.1610



215.0410, -25.5810, -15.4770

Complementary

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



222.8160, -10.6850, 11.9310



250.1840, 10.6850, -11.9310

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.



216.6100, -8.2500, -15.6900



222.8160, -10.6850, 11.9310



221.4030, 23.4300, -6.1220

Square

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



222.8160, -10.6850, 11.9310



222.5260, 28.0580, 9.1300



219.2870, 8.8970, -12.5670



214.7010, -36.1270, -11.5750

Rectangle

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



222.8160, -10.6850, 11.9310



225.3650, 18.5660, 15.9580



219.2870, 8.8970, -12.5670



215.4500, -19.4830, -15.8590

Sweetspot

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



222.8160, -10.6850, 11.9310



246.1400, -3.2100, 3.1100



242.7630, -21.5020, -6.7980



121.7980, -2.2470, 2.1770



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.



222.8160, -10.6850, 11.9310



217.5000, -12.6110, 13.7970



228.1980, 0.0430, 15.7470



116.4820, -4.1730, 4.0430



24.7640, -55.3510, 61.5210



8.1930, -18.7560, 20.5400

Inverse Universe

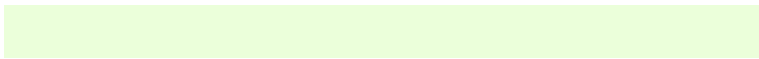
The Inverse Universe completely reimagines the original color for something new.



233.0530, 10.8170, 18.7290



229.5310, 12.4670, 21.8670



244.8020, -0.0430, -15.7470



120.2550, 3.8960, 6.4880



77.7430, 55.7350, 96.7830



25.9760, 18.8840, 32.2280

Previews

White Background



This preview shows how the YIQ color 222.8160, -10.6850, 11.9310 looks on a white background.

Color Contrast Check

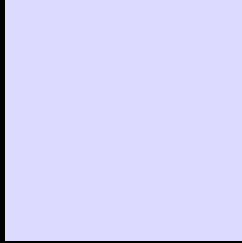
Large Text (above 18pt) WCAG AA × Fail

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 222.8160, -10.6850, 11.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

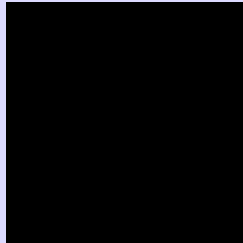
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.8160, -10.6850, 11.9310

Background



This preview shows how black text looks on a background with the YIQ color 222.8160, -10.6850, 11.9310.



This preview shows how white text looks on a background with the YIQ color 222.8160, -10.6850,

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

222.8160, -10.6850, 11.9310

Protanopia

222.4950, -14.2150, 9.8250

Deuteranopia

223.4360, -6.5590, 14.2490



Tritanopia

221.7420, -7.8410, 4.4390

Trichromacy



Original Color

222.8160, -10.6850, 11.9310

Protanomaly

222.5060, -12.7480, 10.7720

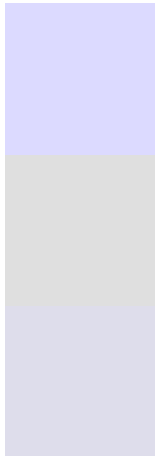
Deuteranomaly

223.4250, -8.0260, 13.3020

Tritanomaly

222.1380, -8.8960, 7.0400

Monochromacy



Original Color

222.8160, -10.6850, 11.9310

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.8950, -3.8980, 4.5660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8160, -10.6850, 11.9310 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(220, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 218, 255)  
}
```

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, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 218, 255) }
```

Border

The CSS property to change the border of an element to YIQ 222.8160, -10.6850, 11.9310 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(220, 218, 255) }
```


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

```
.border{ border-color:rgb(220, 218, 255) }
```

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

Here you see how a box with a 4 pixel rgb(220, 218, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 218,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8160, -10.6850, 11.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 218, 255) }
```

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

```
.background{ background-color: rgb(220,  
218, 255) }
```

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