

Converting Colors

YIQ(220.0850, -10.5450,
-1.6250)

Have a look what the booklet for
YIQ(220.0850, -10.5450, -1.6250)
contains.

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Color

**YIQ(220.0850, -10.5450,
-1.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0E5
RGB	209, 224, 229
RGB Percent	82%, 88%, 90%
CMY	0.1804, 0.1215, 0.1020
CMYK	0.09, 0.02, 0.00, 0.10
HSL	195°, 28%, 86%
HSV	195°, 9%, 90%
XYZ	67.0907, 72.5253, 84.5829
YIQ	220.0850, -10.5450, -1.6250

Conversions

Conversions Part 2

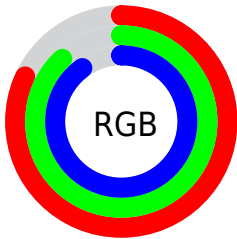
Format	Color
R _Y B	209, 218, 229
Decimal	13754597
CIE Lab	88.22, -4.04, -4.16
CIE LCh	88, 5.799, 225.863
Yxy	72.5253, 0.2992, 0.3235
Android (android.graphics.Color)	4291944677 (0xFFD1E0E5)
YUV	220.0850, 4.3951, -9.7215
Hunter-Lab	85.1618, -8.4103, 0.7263

Details

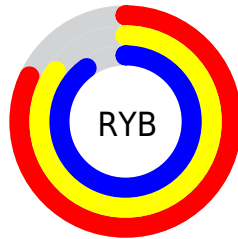
The YIQ color $220.0850, -10.5450, -1.6250$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $217.9150, 10.5450, 1.6250$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.3840, -9.9490, -1.4130$ is the 20% darker color. If you saturate the color by 10%, you get $209.6860, -22.6030, -3.3630$, and if you desaturate by 10%, it is $230.4840, 1.5130, 0.1130$.

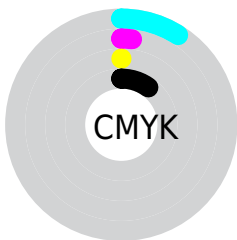
Distribution



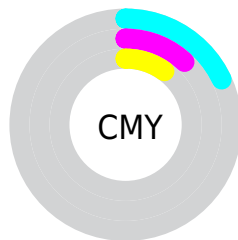
- Red (82%)
- Green (88%)
- Blue (90%)



- Red (82%)
- Yellow (85%)
- Blue (90%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.0850, -10.5450, -1.6250 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 220.0850, -10.5450, -1.6250 by changing the saturation by 10% instead.

■ 220.0850,
-10.5450, -1.6250

■ 220.0850,
-10.5450, -1.6250

255.0000, -0.0000,
-0.0000

■ 192.0850,
-10.5450, -1.6250

■ 165.0850,
-10.5450, -1.6250

■ 138.3840, -9.9490,
-1.4130

■ 113.2700, -9.6280,
-1.7240

■ 88.5690, -9.0320,
-1.5120

■ 65.5690, -9.0320,
-1.5120

■ 42.8680, -8.4360,

-1.3000

■ 22.7540, -8.1150,
-1.6110

■ 0.3420, -0.9630,
0.9330

■ 220.0850,
-10.5450, -1.6250

■ 220.0850,
-10.5450, -1.6250

■ 209.6860,
-22.6030, -3.3630

■ 230.4840, 1.5130,
0.1130

■ 199.8740,
-34.9360, -5.6240

■ 240.2960, 13.8460,
2.3740

■ 189.4750,
-46.9940, -7.3620

■ 243.8180, 12.1960,
-0.7640

■ 179.0760,
-59.0520, -9.1000

■ 247.3400, 10.5460,
-3.9020

■ 169.2640,
-71.3850, -11.3610

■ 250.8620, 8.8960,
-7.0400

■ 159.1640,
-82.8470, -12.8870

■ 252.0360, 8.3460,
-8.0860

■ 148.7650,
-94.9050, -14.6250

■ 138.3660,
-106.9630, -16.3630

■ 128.5540,
-119.2960, -18.6240

Harmonies

Analogous

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



219.8030, -9.8110, -3.9150



220.0850, -10.5450, -1.6250



221.0360, -8.8490, 0.6790

Triad

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



220.0850, -10.5450, -1.6250



222.5710, 5.8220, 4.6220



221.0450, 4.1270, -3.2090

Complementary

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



220.0850, -10.5450, -1.6250



217.9150, 10.5450, 1.6250

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.



221.6650, 8.2530, -0.8910



220.0850, -10.5450, -1.6250



222.7840, 9.5360, 3.3920

Square

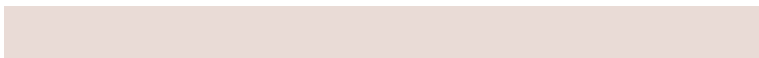
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.0850, -10.5450, -1.6250



222.2330, 0.9620, 4.5940



222.6160, 9.9490, 1.4130



219.8810, -1.2830, -4.2830

Rectangle

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



220.0850, -10.5450, -1.6250



221.0580, -5.9150, 2.5730



222.6160, 9.9490, 1.4130



220.9420, 5.9150, -2.5730

Sweetspot

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



220.0850, -10.5450, -1.6250



251.4340, -4.2180, -0.6500



221.3100, -7.1050, -8.9050



125.0320, -3.0260, -0.2260



0.0000, 0.0000, 0.0000



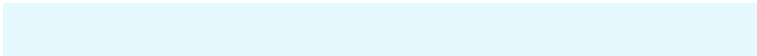
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



220.0850, -10.5450, -1.6250



244.0030, -13.2500, -2.1620



214.2150, -7.7950, 3.6050



109.6510, -6.3270, -0.9750



99.0640, -94.3090, -14.4130



28.1200, -26.8210, -4.0130

Inverse Universe

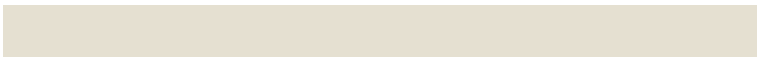
The Inverse Universe completely reimagines the original color for something new.



216.6900, 7.1050, 8.9050



239.6410, 8.8010, 11.2090



223.7850, 7.7950, -3.6050



107.6140, 4.2630, 5.3430



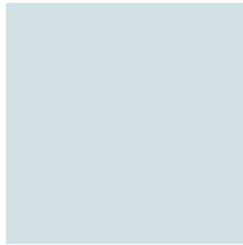
68.7970, 63.6700, 79.6220



19.5810, 18.1980, 22.6300

Previews

White Background



This preview shows how the YIQ color 220.0850, -10.5450, -1.6250 looks on a white background.

Color Contrast Check

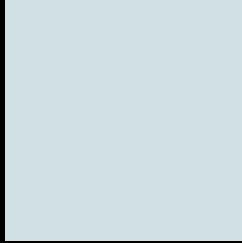
Large Text (above 18pt) WCAG AA × Fail

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 220.0850, -10.5450, -1.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

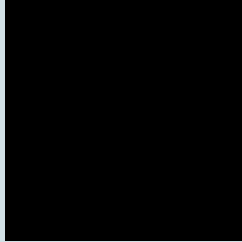
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

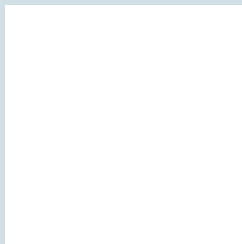
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.0850, -10.5450, -1.6250

Background



This preview shows how black text looks on a background with the YIQ color 220.0850, -10.5450, -1.6250.



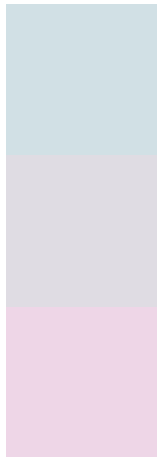
This preview shows how white text looks on a background with the YIQ color 220.0850, -10.5450, -1.6250.

-1.6250.

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

220.0850, -10.5450, -1.6250

Protanopia

221.6950, -0.4590, 2.8130

Deuteranopia

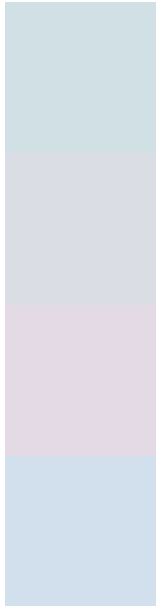
223.1140, 8.8470, 10.3750



Tritanopia

220.7630, -12.3340, 3.2660

Trichromacy



Original Color

220.0850, -10.5450, -1.6250

Protanomaly

220.9010, -4.0350, 1.5410

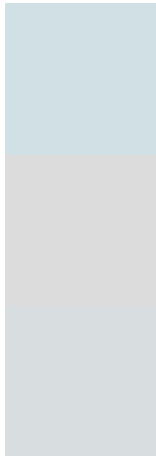
Deuteranomaly

222.0590, 1.5120, 5.6400

Tritanomaly

220.5950, -11.9210, 1.2870

Monochromacy



Original Color

220.0850, -10.5450, -1.6250

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.7330, -3.6220, -0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.0850, -10.5450, -1.6250 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(209, 224, 229)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 229)  
}
```

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(209, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 229) }
```

Border

The CSS property to change the border of an element to YIQ 220.0850, -10.5450, -1.6250 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(209, 224, 229) }
```


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

```
.border{ border-color:rgb(209, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 224, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 224, 229); box-shadow:4px 4px 4px 4px rgb(209, 224, 229) }
```

Background

The CSS property to change the background color of an element to YIQ 220.0850, -10.5450, -1.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 229) }
```

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

```
.background{ background-color: rgb(209,  
224, 229) }
```

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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