

Converting Colors

YIQ(215.5570, -8.7580, 4.5380)

Have a look what the booklet for
YIQ(215.5570, -8.7580, 4.5380)
contains.

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Color

**YIQ(215.5570, -8.7580,
4.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D7E9
RGB	210, 215, 233
RGB Percent	82%, 84%, 91%
CMY	0.1765, 0.1568, 0.0863
CMYK	0.10, 0.08, 0.00, 0.09
HSL	227°, 34%, 87%
HSV	227°, 10%, 91%
XYZ	65.5855, 68.1861, 86.7860
YIQ	215.5570, -8.7580, 4.5380

Conversions

Conversions Part 2

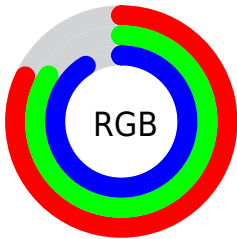
Format	Color
R _Y B	210, 214, 233
Decimal	13817833
CIE Lab	86.10, 1.75, -9.40
CIE LCh	86, 9.564, 280.550
Yxy	68.1861, 0.2974, 0.3092
Android (android.graphics.Color)	4292007913 (0xFFD2D7E9)
YUV	215.5570, 8.5994, -4.8735
Hunter-Lab	82.5749, -2.7315, -4.5113

Details

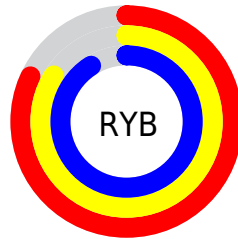
The YIQ color **215.5570, -8.7580, 4.5380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227.4430, 8.7580, -4.5380**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.4430, -8.4370, 4.2270** is the 20% darker color. If you saturate the color by 10%, you get **198.1140, -17.5160, 9.0760**, and if you desaturate by 10%, it is **233.0000, -0.0000, -0.0000**.

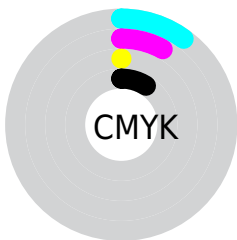
Distribution



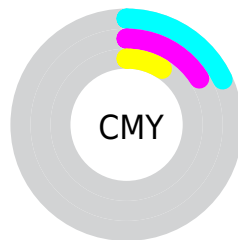
- Red (82%)
- Green (84%)
- Blue (91%)



- Red (82%)
- Yellow (84%)
- Blue (91%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.5570, -8.7580, 4.5380 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 215.5570, -8.7580, 4.5380 by changing the saturation by 10% instead.

■ 215.5570, -8.7580,
4.5380

■ 215.5570, -8.7580,
4.5380

255.0000, -0.0000,
-0.0000

■ 187.5570, -8.7580,
4.5380

■ 160.4430, -8.4370,
4.2270

■ 134.4430, -8.4370,
4.2270

■ 109.3290, -8.1160,
3.9160

■ 85.2150, -7.7950,
3.6050

■ 62.1010, -7.4740,
3.2940

■ 39.9870, -7.1530,

2.9830

■ 18.9870, -7.1530,
2.9830

■ 0.7980, -2.2470,
2.1770

■ 215.5570, -8.7580,
4.5380

■ 215.5570, -8.7580,
4.5380

■ 198.1140,
-17.5160, 9.0760

■ 233.0000, -0.0000,
-0.0000

■ 180.3720,
-26.8700, 13.4020

■ 250.1440, 8.1620,
-4.7500

■ 162.3420,
-35.3530, 18.4630

■ 252.4920, 7.0620,
-6.8420

■ 144.8990,
-44.1110, 23.0010

■ 127.4560,
-52.8690, 27.5390

■ 109.7140,
-62.2230, 31.8650

■ 91.6840, -70.7060,
36.9260

■ 74.2410, -79.4640,
41.4640

■ 56.4990, -88.8180,
45.7900

Harmonies

Analogous

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



214.2140, -15.2220, 0.5380



215.5570, -8.7580, 4.5380



216.6290, -0.0930, 7.1950

Triad

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



215.5570, -8.7580, 4.5380



216.4920, 16.2300, 3.2220



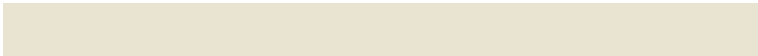
212.7660, -8.3890, -7.6610

Complementary

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



215.5570, -8.7580, 4.5380



227.4430, 8.7580, -4.5380

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.



213.3710, 0.0930, -7.1950



215.5570, -8.7580, 4.5380



216.1880, 14.0300, -0.9620

Square

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



215.5570, -8.7580, 4.5380



217.1160, 14.5330, 6.4450



215.1440, 8.1620, -4.7500



212.5850, -15.1290, -6.6570

Rectangle

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



215.5570, -8.7580, 4.5380



217.5650, 5.9590, 7.6470



215.1440, 8.1620, -4.7500



213.0220, -6.2340, -8.1700

Sweetspot

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



215.5570, -8.7580, 4.5380



249.0860, -3.1180, 1.4420



225.5530, -12.1030, -6.4310



123.8580, -2.4760, 0.8200



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.



215.5570, -8.7580, 4.5380



231.6430, -11.8760, 5.9800



214.4160, -3.8070, 8.4250



108.4280, -4.0810, 2.3750



43.5270, -68.8260, 35.8940



13.2000, -20.6340, 10.5180

Inverse Universe

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



217.4470, 12.1030, 6.4310



234.0670, 16.2290, 8.7490



228.5840, 3.8070, -8.4250



109.5170, 5.9140, 2.9540



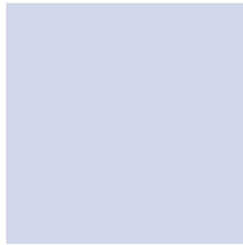
58.5650, 95.3570, 50.5010



17.5140, 28.3320, 15.1800

Previews

White Background



This preview shows how the YIQ color 215.5570, -8.7580, 4.5380 looks on a white background.

Color Contrast Check

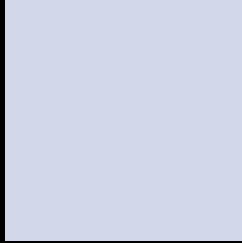
Large Text (above 18pt) WCAG AA × Fail

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 215.5570, -8.7580, 4.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

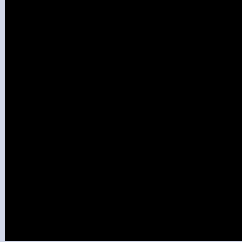
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

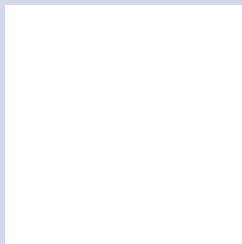
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.5570, -8.7580, 4.5380

Background



This preview shows how black text looks on a background with the YIQ color 215.5570, -8.7580, 4.5380.



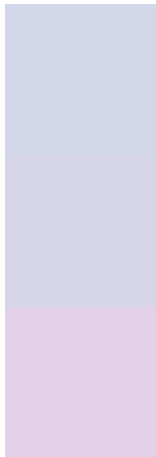
This preview shows how white text looks on a background with the YIQ color 215.5570, -8.7580,

4.5380.

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

215.5570, -8.7580, 4.5380

Protanopia

216.0520, -5.7780, 5.5980

Deuteranopia

217.2320, 2.7030, 11.5910



Tritanopia

215.4430, -8.4370, 4.2270

Trichromacy



Original Color

215.5570, -8.7580, 4.5380

Protanomaly

215.7530, -6.3740, 5.3860

Deuteranomaly

216.6120, -1.4230, 9.2730

Tritanomaly

215.4430, -8.4370, 4.2270

Monochromacy



Original Color

215.5570, -8.7580, 4.5380

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0860, -3.1180, 1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.5570, -8.7580, 4.5380 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(210, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(210, 215, 233)  
}
```

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(210, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 215, 233) }
```

Border

The CSS property to change the border of an element to YIQ 215.5570, -8.7580, 4.5380 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(210, 215, 233) }
```


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

```
.border{ border-color:rgb(210, 215, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(210, 215,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 215.5570, -8.7580, 4.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 215, 233) }
```

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

```
.background{ background-color: rgb(210,  
215, 233) }
```

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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