

Converting Colors

YIQ(225.3880, -15.7720,
-0.5080)

Have a look what the booklet for
YIQ(225.3880, -15.7720, -0.5080)
contains.

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Color

**YIQ(225.3880, -15.7720,
-0.5080)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D2E6F2 |
| RGB | 210, 230, 242 |
| RGB Percent | 82%, 90%, 95% |
| CMY | 0.1765, 0.0980, 0.0510 |
| CMYK | 0.13, 0.05, 0.00, 0.05 |
| HSL | 202°, 55%, 89% |
| HSV | 202°, 13%, 95% |
| XYZ | 70.8989, 76.7082, 95.0594 |
| YIQ | 225.3880, -15.7720, -0.5080 |

Conversions

Conversions Part 2

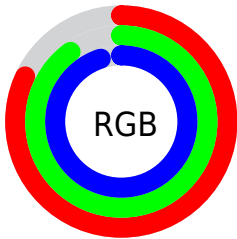
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 222, 242 |
| Decimal | 13821682 |
| CIE Lab | 90.19, -4.25, -8.07 |
| CIE LCh | 90, 9.118, 242.250 |
| Yxy | 76.7082, 0.2922, 0.3161 |
| Android (android.graphics.Color) | 4292011762 (0xFFD2E6F2) |
| YUV | 225.3880, 8.1897, -13.4953 |
| Hunter-Lab | 87.5832, -8.7743, -3.0428 |

Details

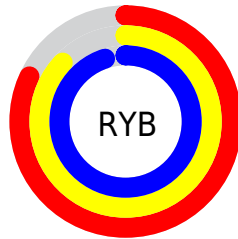
The YIQ color $225.3880, -15.7720, -0.5080$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.6120, 15.7720, 0.5080$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.2740, -15.4510, -0.8190$ is the 20% darker color. If you saturate the color by 10%, you get $212.9290, -27.6010, -0.8890$, and if you desaturate by 10%, it is $237.8470, -3.9430, -0.1270$.

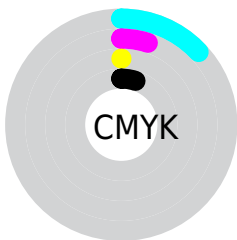
Distribution



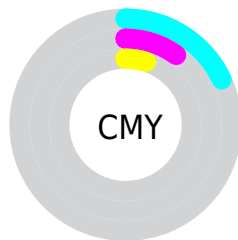
- Red (82%)
- Green (90%)
- Blue (95%)



- Red (82%)
- Yellow (87%)
- Blue (95%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.3880, -15.7720, -0.5080 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 225.3880, -15.7720, -0.5080 by changing the saturation by 10% instead.

■ 225.3880,
-15.7720, -0.5080

■ 225.3880,
-15.7720, -0.5080

255.0000, -0.0000,
-0.0000

■ 197.3880,
-15.7720, -0.5080

■ 170.2740,
-15.4510, -0.8190

■ 143.5730,
-14.8550, -0.6070

■ 117.8720,
-14.2590, -0.3950

■ 92.8720, -14.2590,
-0.3950

■ 69.6440, -13.6170,
-1.0170

■ 46.9430, -13.0210,

-0.8050

■ 25.6440, -13.6170,
-1.0170

■ 3.2260, -6.3280,
4.5520

■ 225.3880,
-15.7720, -0.5080

■ 225.3880,
-15.7720, -0.5080

■ 212.9290,
-27.6010, -0.8890

■ 237.8470, -3.9430,
-0.1270

■ 200.4700,
-39.4300, -1.2700

■ 249.4090, 6.0980,
-0.3820

■ 187.7120,
-51.8550, -1.8630

■ 253.5180, 4.1730,
-4.0430

■ 175.2530,
-63.6840, -2.2440

■ 162.7940,
-75.5130, -2.6250

■ 150.3350,
-87.3420, -3.0060

■ 137.8760,
-99.1710, -3.3870

■ 125.1180,
-111.5960, -3.9800

■ 116.2250,
-119.2070, -3.7110

Harmonies

Analogous

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



224.6820, -16.7800, -4.2680



225.3880, -15.7720, -0.5080



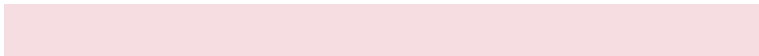
226.5460, -10.2250, 3.5910

Triad

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



225.3880, -15.7720, -0.5080



228.7460, 12.6990, 6.6430



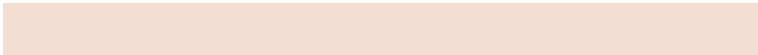
225.5670, 2.4770, -6.3470

Complementary

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



225.3880, -15.7720, -0.5080



226.6120, 15.7720, 0.5080

Split Complementary

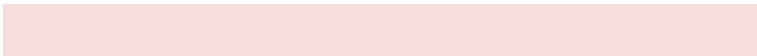
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.5680, 9.9040, -3.2800



225.3880, -15.7720, -0.5080



228.7200, 15.5880, 3.8440

Square

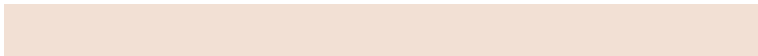
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



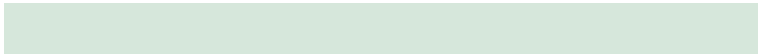
225.3880, -15.7720, -0.5080



228.5650, 5.9590, 7.6470



228.0140, 14.5800, 0.0840



224.5490, -6.2800, -7.3360

Rectangle

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



225.3880, -15.7720, -0.5080



227.3510, -5.1820, 5.8100



228.0140, 14.5800, 0.0840



225.7630, 4.8610, -5.4990

Sweetspot

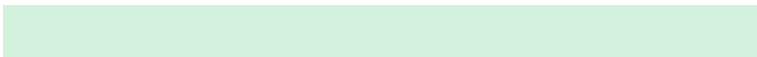
The Sweet Spot groups the original color and five complimentary colors.



225.3880, -15.7720, -0.5080



249.6620, -4.8600, -0.0280



230.1520, -12.6520, -13.0040



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



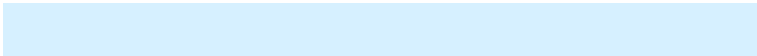
128.0000, -0.0000, -0.0000

Same Dimension

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



225.3880, -15.7720, -0.5080



233.9360, -20.3110, -0.8470



215.9960, -11.3720, 7.8600



113.4770, -5.7770, 0.0710



88.4810, -90.6890, -2.9210



26.9290, -27.6010, -0.8890

Inverse Universe

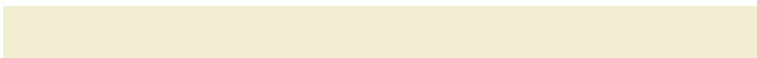
The Inverse Universe completely reimagines the original color for something new.



221.8480, 12.6520, 13.0040



229.2230, 16.0900, 16.7780



236.0040, 11.3720, -7.8600



112.3860, 4.9050, 4.7210



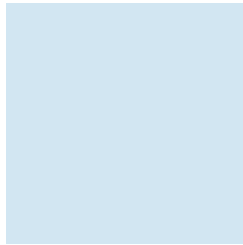
68.1260, 72.7490, 74.7730



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 225.3880, -15.7720, -0.5080 looks on a white background.

Color Contrast Check

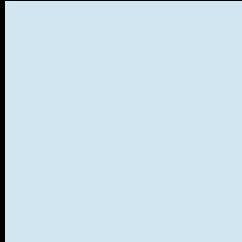
Large Text (above 18pt) WCAG AA × Fail

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 225.3880, -15.7720, -0.5080 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

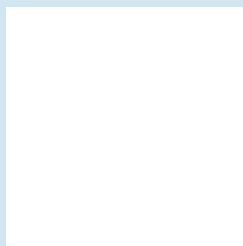
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.3880, -15.7720, -0.5080

Background



This preview shows how black text looks on a background with the YIQ color 225.3880, -15.7720, -0.5080.



This preview shows how white text looks on a background with the YIQ color 225.3880, -15.7720, -0.5080.

-0.5080.

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

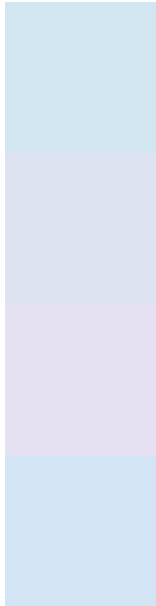




Tritanopia

225.6700, -16.5060, 1.7820

Trichromacy



Original Color

225.3880, -15.7720, -0.5080

Protanomaly

226.6880, -7.7490, 2.7710

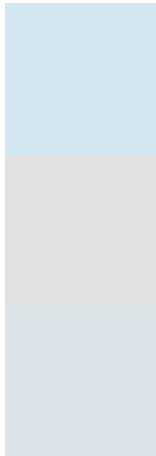
Deuteranomaly

227.9600, -2.5230, 7.1810

Tritanomaly

225.4420, -15.8640, 1.1600

Monochromacy



Original Color

225.3880, -15.7720, -0.5080

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.3630, -5.4560, -0.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.3880, -15.7720, -0.5080 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, 230, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 242)  
}
```

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, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 242) }
```

Border

The CSS property to change the border of an element to YIQ 225.3880, -15.7720, -0.5080 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, 230, 242) }
```


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

```
.border{ border-color:rgb(210, 230, 242) }
```

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

Here you see how a box with a 4 pixel rgb(210, 230, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 225.3880, -15.7720, -0.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 242) }
```

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

```
.background{ background-color: rgb(210,  
230, 242) }
```

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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