

Converting Colors

YIQ(220.8900, -5.5020, 0.5940)

Have a look what the booklet for
YIQ(220.8900, -5.5020, 0.5940)
contains.

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Color

**YIQ(220.8900, -5.5020,
0.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DEE4
RGB	216, 222, 228
RGB Percent	85%, 87%, 89%
CMY	0.1529, 0.1294, 0.1059
CMYK	0.05, 0.03, 0.00, 0.11
HSL	210°, 18%, 87%
HSV	210°, 5%, 89%
XYZ	68.4427, 72.4435, 83.7695
YIQ	220.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

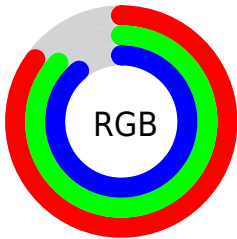
Format	Color
R _Y B	216, 220, 228
Decimal	14212836
CIE Lab	88.18, -0.90, -3.64
CIE LCh	88, 3.748, 256.123
Yxy	72.4435, 0.3047, 0.3225
Android (android.graphics.Color)	4292402916 (0xFFD8DEE4)
YUV	220.8900, 3.5052, -4.2885
Hunter-Lab	85.1137, -5.4114, 1.2260

Details

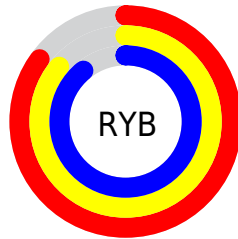
The YIQ color $220.8900, -5.5020, 0.5940$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.1100, 5.5020, -0.5940$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $165.8900, -5.5020, 0.5940$ is the 20% darker color. If you saturate the color by 10%, you get $207.5560, -16.1850, 1.4710$, and if you desaturate by 10%, it is $234.2240, 5.1810, -0.2830$.

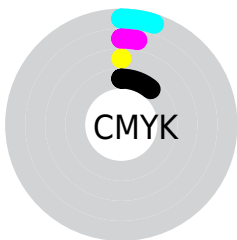
Distribution



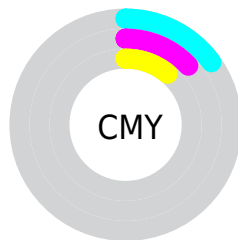
- Red (85%)
- Green (87%)
- Blue (89%)



- Red (85%)
- Yellow (86%)
- Blue (89%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.8900, -5.5020, 0.5940 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 220.8900, -5.5020, 0.5940 by changing the saturation by 10% instead.

■ 220.8900, -5.5020,
0.5940

■ 220.8900, -5.5020,
0.5940

255.0000, -0.0000,
-0.0000

■ 192.8900, -5.5020,
0.5940

■ 165.8900, -5.5020,
0.5940

■ 139.7760, -5.1810,
0.2830

■ 114.0750, -4.5850,
0.4950

■ 89.7760, -5.1810,
0.2830

■ 66.0750, -4.5850,
0.4950

■ 44.0750, -4.5850,

0.4950

■ 23.3740, -3.9890,
0.7070

■ 0.1140, -0.3210,
0.3110

■ 220.8900, -5.5020,
0.5940

■ 220.8900, -5.5020,
0.5940

■ 207.5560,
-16.1850, 1.4710

■ 234.2240, 5.1810,
-0.2830

■ 193.6350,
-26.5930, 2.8710

■ 246.0520, 11.4170,
-3.1670

■ 180.6000,
-36.6800, 3.9600

■ 251.9220, 8.6670,
-8.3970

■ 166.6790,
-47.0880, 5.3600

■ 153.3450,
-57.7710, 6.2370

■ 140.0110,
-68.4540, 7.1140

■ 126.0900,
-78.8620, 8.5140

■ 113.0550,
-88.9490, 9.6030

■ 99.7210, -99.6320,
10.4800

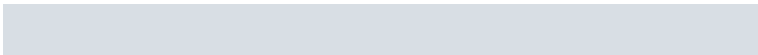
Harmonies

Analogous

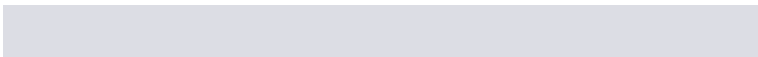
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.3520, -6.9230, -1.1870



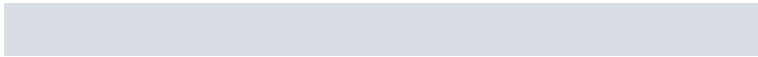
220.8900, -5.5020, 0.5940



221.4990, -2.8430, 1.9650

Triad

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



220.8900, -5.5020, 0.5940



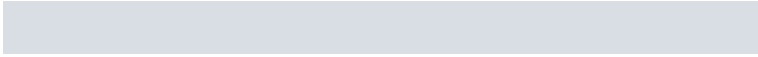
221.9900, 5.9600, 2.1200



220.7070, -0.7330, -3.2370

Complementary

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



220.8900, -5.5020, 0.5940



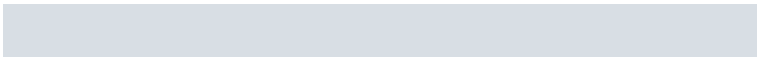
223.1100, 5.5020, -0.5940

Split Complementary

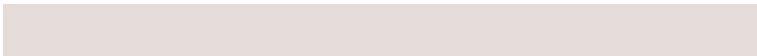
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.0880, 2.5680, -2.4880



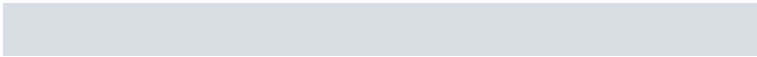
220.8900, -5.5020, 0.5940



221.6480, 6.9230, 1.1870

Square

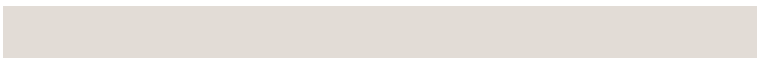
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.8900, -5.5020, 0.5940



222.1470, 4.0800, 3.1520



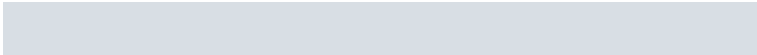
221.1100, 5.5020, -0.5940



220.1520, -3.4840, -2.9400

Rectangle

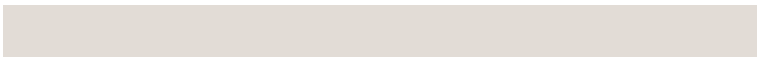
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.8900, -5.5020, 0.5940



221.6950, -0.4590, 2.8130



221.1100, 5.5020, -0.5940



220.3050, 0.4590, -2.8130

Sweetspot

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



220.8900, -5.5020, 0.5940



251.7440, -2.1550, 0.5090



223.7280, -5.2260, -4.4100



125.9290, -1.2380, 0.4100



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.



220.8900, -5.5020, 0.5940



245.8190, -6.7400, 1.0040



217.3680, -3.8520, 3.7320



110.2600, -3.6680, 0.3960



72.6490, -81.9340, 9.1220



21.0760, -23.5210, 2.2630

Inverse Universe

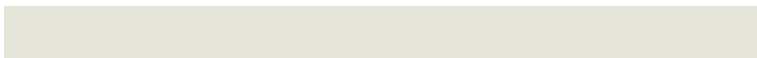
The Inverse Universe completely reimagines the original color for something new.



220.2720, 5.2260, 4.4100



245.2830, 6.6930, 5.3570



226.6320, 3.8520, -3.7320



109.8480, 3.4840, 2.9400



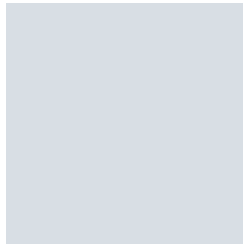
63.6670, 78.1150, 65.6270



18.2130, 22.0500, 18.8980

Previews

White Background



This preview shows how the YIQ color 220.8900, -5.5020, 0.5940 looks on a white background.

Color Contrast Check

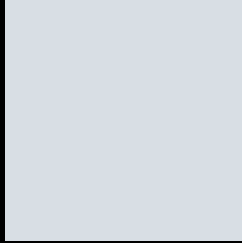
Large Text (above 18pt) WCAG AA × Fail

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 220.8900, -5.5020, 0.5940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

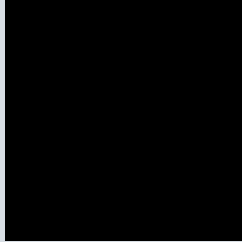
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

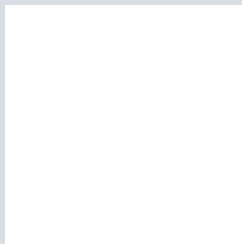
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.8900, -5.5020, 0.5940

Background



This preview shows how black text looks on a background with the YIQ color 220.8900, -5.5020, 0.5940.



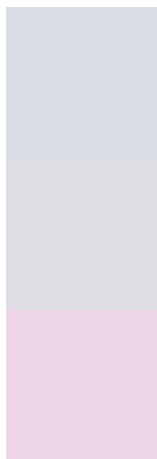
This preview shows how white text looks on a background with the YIQ color 220.8900, -5.5020,

0.5940.

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

220.8900, -5.5020, 0.5940

Protanopia

221.6950, -0.4590, 2.8130

Deuteranopia

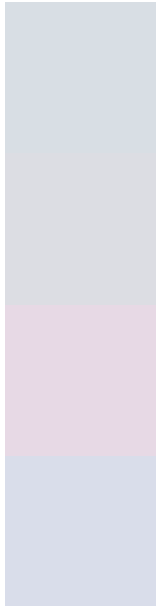
223.2990, 9.7640, 10.2760



Tritanopia

221.4540, -6.9700, 5.1740

Trichromacy



Original Color

220.8900, -5.5020, 0.5940

Protanomaly

221.3850, -2.5220, 1.6540

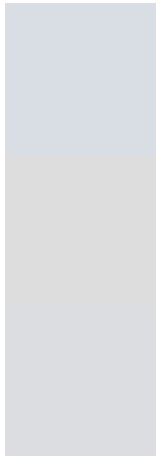
Deuteranomaly

222.5540, 4.4920, 6.7000

Tritanomaly

221.2860, -6.5570, 3.1950

Monochromacy



Original Color

220.8900, -5.5020, 0.5940

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.7440, -2.1550, 0.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.8900, -5.5020, 0.5940 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(216, 222, 228)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 228)  
}
```

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(216, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 228) }
```

Border

The CSS property to change the border of an element to YIQ 220.8900, -5.5020, 0.5940 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(216, 222, 228) }
```


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

```
.border{ border-color:rgb(216, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(216, 222,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 220.8900, -5.5020, 0.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 228) }
```

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

```
.background{ background-color: rgb(216,  
222, 228) }
```

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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