

Converting Colors

YIQ(222.4240, -7.4260, -8.5940)

Have a look what the booklet for
YIQ(222.4240, -7.4260, -8.5940)
contains.

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Color

**YIQ(222.4240, -7.4260,
-8.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E6D8
RGB	210, 230, 216
RGB Percent	82%, 90%, 85%
CMY	0.1765, 0.0980, 0.1530
CMYK	0.09, 0.00, 0.06, 0.10
HSL	138°, 29%, 86%
HSV	138°, 9%, 90%
XYZ	67.2675, 75.2554, 75.9429
YIQ	222.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

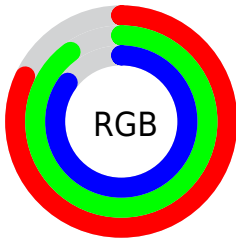
Format	Color
RYB	210, 225, 230
Decimal	13821656
CIELab	89.51, -9.22, 4.55
CIELCh	90, 10.278, 153.716
Yxy	75.2554, 0.3079, 0.3445
Android (android.graphics.Color)	4292011736 (0xFFD2E6D8)
YUV	222.4240, -3.1670, -10.8958
Hunter-Lab	86.7499, -13.4002, 8.8211

Details

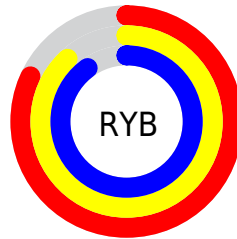
The YIQ color $222.4240, -7.4260, -8.5940$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $217.5760, 7.4260, 8.5940$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.8370, -7.1510, -8.0710$ is the 20% darker color. If you saturate the color by 10%, you get $213.7230, -15.9980, -18.4460$, and if you desaturate by 10%, it is $231.1250, 1.1460, 1.2580$.

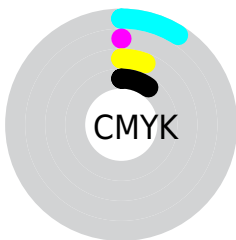
Distribution



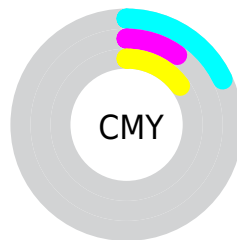
- Red (82%)
- Green (90%)
- Blue (85%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.4240, -7.4260, -8.5940 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 222.4240, -7.4260, -8.5940 by changing the saturation by 10% instead.

■ 222.4240, -7.4260,
-8.5940

■ 222.4240, -7.4260,
-8.5940

255.0000, -0.0000,
-0.0000

■ 194.4240, -7.4260,
-8.5940

■ 167.4240, -7.4260,
-8.5940

■ 140.8370, -7.1510,
-8.0710

■ 115.2500, -6.8760,
-7.5480

■ 90.5490, -6.2800,
-7.3360

■ 66.9620, -6.0050,
-6.8130

■ 44.9620, -6.0050,

-6.8130

■ 24.3750, -5.7300,
-6.2900

■ 0.0000, 0.0000,
0.0000

■ 222.4240, -7.4260,
-8.5940

■ 222.4240, -7.4260,
-8.5940

■ 213.7230,
-15.9980, -18.4460

■ 231.1250, 1.1460,
1.2580

■ 205.0220,
-24.5700, -28.2980

■ 239.5270, 9.1220,
10.8980

■ 196.3210,
-33.1420, -38.1500

■ 240.3250, 6.8750,
13.0750

■ 187.6200,
-41.7140, -48.0020

■ 178.9190,
-50.2860, -57.8540

■ 170.1040,
-58.5370, -68.0170

■ 161.4030,
-67.1090, -77.8690

■ 152.7020,
-75.6810, -87.7210

■ 144.0010,
-84.2530, -97.5730

Harmonies

Analogous

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



223.7410, 1.9270, -7.3930



222.4240, -7.4260, -8.5940



222.0580, -15.0830, -7.4910

Triad

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



222.4240, -7.4260, -8.5940



224.4750, -11.4630, 4.0010



226.5030, 17.6970, 4.1690

Complementary

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



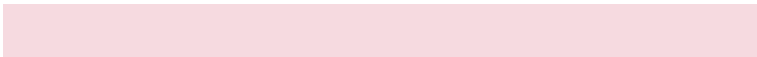
222.4240, -7.4260, -8.5940



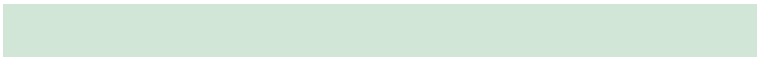
217.5760, 7.4260, 8.5940

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.



227.0560, 14.7620, 7.8020



222.4240, -7.4260, -8.5940



226.2590, -1.9270, 7.3930

Square

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



222.4240, -7.4260, -8.5940



223.0180, -17.6060, -0.3100



227.2770, 6.8300, 8.3820



225.4980, 16.0930, 0.1970

Rectangle

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



222.4240, -7.4260, -8.5940



222.1440, -18.2010, -6.0490



227.2770, 6.8300, 8.3820



227.1440, 17.3300, 5.3140

Sweetspot

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



222.4240, -7.4260, -8.5940



252.0380, -3.1630, -3.2510



225.9260, 2.8440, -7.4920



125.7500, -2.2920, -2.5160



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.



222.4240, -7.4260, -8.5940



245.4730, -9.1220, -10.8980



223.5640, -10.6360, -5.4840



110.5000, -4.5840, -5.0320



111.2290, -66.5590, -76.8230



31.6470, -18.8400, -22.0080

Inverse Universe

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



217.5760, 7.4260, 8.5940



239.4130, 9.4430, 10.5870



216.4360, 10.6360, 5.4840



107.5000, 4.5840, 5.0320



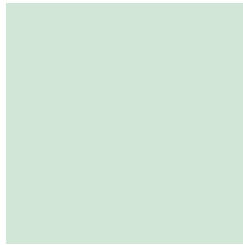
67.7710, 66.5590, 76.8230



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 222.4240, -7.4260, -8.5940 looks on a white background.

Color Contrast Check

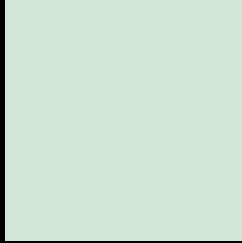
Large Text (above 18pt) WCAG AA × Fail

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 222.4240, -7.4260, -8.5940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

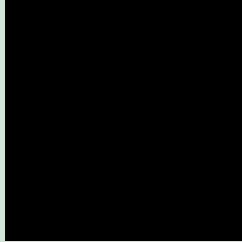
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

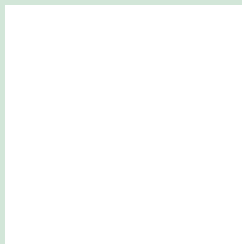
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.4240, -7.4260, -8.5940

Background



This preview shows how black text looks on a background with the YIQ color 222.4240, -7.4260, -8.5940.



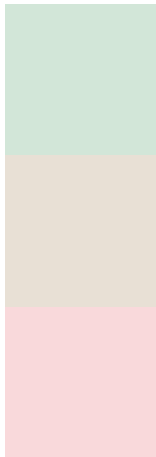
This preview shows how white text looks on a background with the YIQ color 222.4240, -7.4260, -8.5940.

-8.5940.

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

222.4240, -7.4260, -8.5940

Protanopia

225.1380, 8.2990, -1.7250

Deuteranopia

226.7960, 18.4300, 7.4060



Tritanopia

224.7630, -12.3340, 3.2660

Trichromacy



Original Color

222.4240, -7.4260, -8.5940

Protanomaly

224.0340, 2.6600, -4.1560

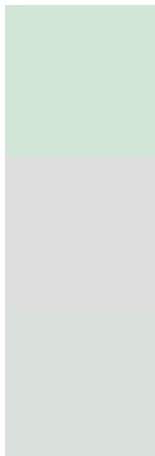
Deuteranomaly

225.4310, 9.0320, 1.5120

Tritanomaly

223.6120, -10.5910, -0.7910

Monochromacy



Original Color

222.4240, -7.4260, -8.5940

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.3370, -2.5670, -3.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.4240, -7.4260, -8.5940 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(210, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 216) }
```

Border

The CSS property to change the border of an element to YIQ 222.4240, -7.4260, -8.5940 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(210, 230, 216) }
```


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

```
.border{ border-color:rgb(210, 230, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 222.4240, -7.4260, -8.5940 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, 216) }
```

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

```
.background{ background-color: rgb(210,  
230, 216) }
```

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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