

Converting Colors

YIQ(223.2750, -8.0240, 2.2480)

Have a look what the booklet for
YIQ(223.2750, -8.0240, 2.2480)
contains.

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Color

**YIQ(223.2750, -8.0240,
2.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E0EC
RGB	217, 224, 236
RGB Percent	85%, 88%, 93%
CMY	0.1490, 0.1215, 0.0745
CMYK	0.08, 0.05, 0.00, 0.07
HSL	218°, 33%, 89%
HSV	218°, 8%, 93%
XYZ	70.4098, 74.1198, 89.9444
YIQ	223.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

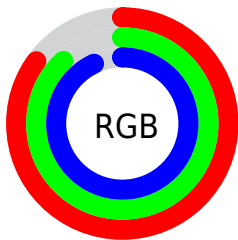
Format	Color
R _Y B	217, 222, 236
Decimal	14278892
CIE Lab	88.98, -0.08, -6.66
CIE LCh	89, 6.661, 269.285
Yxy	74.1198, 0.3003, 0.3161
Android (android.graphics.Color)	4292468972 (0xFFD9E0EC)
YUV	223.2750, 6.2734, -5.5032
Hunter-Lab	86.0928, -4.6788, -1.6775

Details

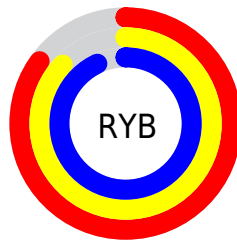
The YIQ color $223.2750, -8.0240, 2.2480$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.7250, 8.0240, -2.2480$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.1610, -7.7030, 1.9370$ is the 20% darker color. If you saturate the color by 10%, you get $207.2940, -18.2030, 5.0050$, and if you desaturate by 10%, it is $239.2560, 2.1550, -0.5090$.

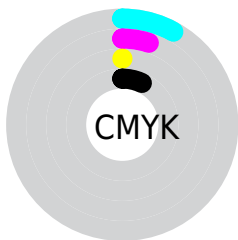
Distribution



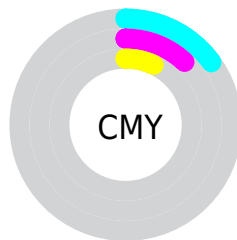
- Red (85%)
- Green (88%)
- Blue (93%)



- Red (85%)
- Yellow (87%)
- Blue (93%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.2750, -8.0240, 2.2480 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 223.2750, -8.0240, 2.2480 by changing the saturation by 10% instead.

■ 223.2750, -8.0240,
2.2480

■ 223.2750, -8.0240,
2.2480

255.0000, -0.0000,
-0.0000

■ 195.2750, -8.0240,
2.2480

■ 168.1610, -7.7030,
1.9370

■ 141.4600, -7.1070,
2.1490

■ 116.0470, -7.3820,
1.6260

■ 91.3460, -6.7860,
1.8380

■ 68.2320, -6.4650,
1.5270

■ 46.2320, -6.4650,

1.5270

■ 25.1180, -6.1440,
1.2160

■ 1.3680, -3.8520,
3.7320

■ 223.2750, -8.0240,
2.2480

■ 223.2750, -8.0240,
2.2480

■ 207.2940,
-18.2030, 5.0050

■ 239.2560, 2.1550,
-0.5090

■ 191.6120,
-27.7860, 7.9740

■ 252.2470, 6.3740,
-5.3860

■ 175.6310,
-37.9650, 10.7310

■ 252.8340, 6.0990,
-5.9090

■ 159.9490,
-47.5480, 13.7000

■ 144.5550,
-58.0020, 15.9340

■ 128.5740,
-68.1810, 18.6910

■ 112.8920,
-77.7640, 21.6600

■ 96.9110, -87.9430,
24.4170

■ 81.2290, -97.5260,
27.3860

Harmonies

Analogous

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



222.4270, -11.5080, -0.6920



223.2750, -8.0240, 2.2480



224.2650, -2.0640, 4.3680

Triad

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



223.2750, -8.0240, 2.2480



225.0400, 11.6910, 2.8830



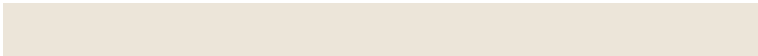
222.2720, -3.9420, -5.6540

Complementary

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



223.2750, -8.0240, 2.2480



229.7250, 8.0240, -2.2480

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.



222.6210, 2.3850, -4.6790



223.2750, -8.0240, 2.2480



224.2740, 10.9120, 0.4800

Square

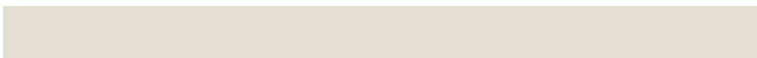
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.2750, -8.0240, 2.2480



224.9520, 9.1230, 5.3710



223.4260, 7.4280, -2.4600



221.4610, -8.8480, -4.8480

Rectangle

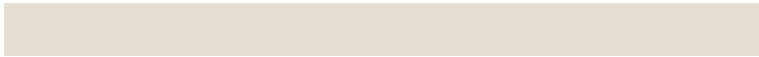
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.2750, -8.0240, 2.2480



224.9450, 1.8330, 5.3290



223.4260, 7.4280, -2.4600



222.0550, -1.8330, -5.3290

Sweetspot

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



223.2750, -8.0240, 2.2480



251.7440, -2.1550, 0.5090



229.5210, -9.0770, -6.2050



125.9290, -1.2380, 0.4100



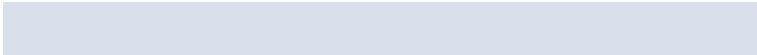
0.0000, 0.0000, 0.0000



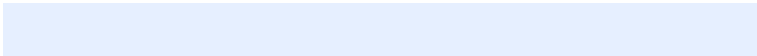
128.0000, -0.0000, -0.0000

Same Dimension

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



223.2750, -8.0240, 2.2480



238.1330, -10.5000, 3.0680



219.7640, -4.9070, 6.3330



109.6020, -4.6310, 1.3290



59.9630, -76.5260, 21.2500



17.8960, -22.8340, 6.3340

Inverse Universe

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



223.4790, 9.0770, 6.2050



238.5010, 12.0110, 8.0990



233.2360, 4.9070, -6.3330



109.7450, 5.2720, 3.5760



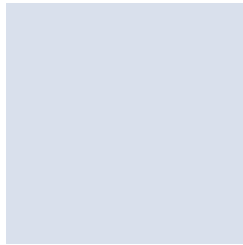
61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 223.2750, -8.0240, 2.2480 looks on a white background.

Color Contrast Check

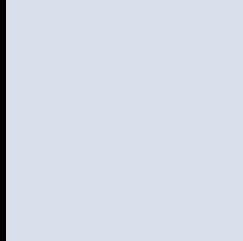
Large Text (above 18pt) WCAG AA × Fail

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 223.2750, -8.0240, 2.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

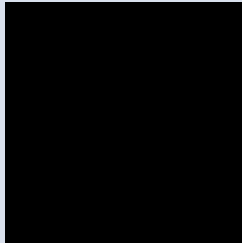
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

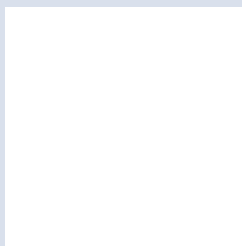
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.2750, -8.0240, 2.2480

Background



This preview shows how black text looks on a background with the YIQ color 223.2750, -8.0240, 2.2480.

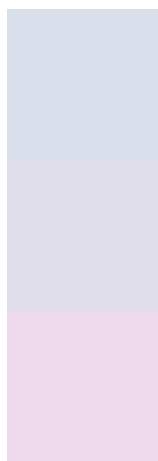


This preview shows how white text looks on a background with the YIQ color 223.2750, -8.0240,

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

223.2750, -8.0240, 2.2480

Protanopia

224.0800, -2.9810, 4.4670

Deuteranopia

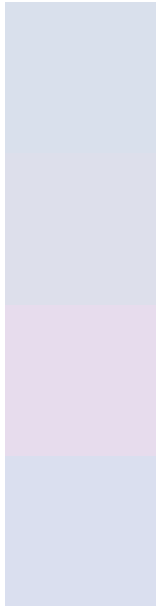
225.8580, 6.6920, 10.8840



Tritanopia

223.5570, -8.7580, 4.5380

Trichromacy



Original Color

223.2750, -8.0240, 2.2480

Protanomaly

223.7700, -5.0440, 3.3080

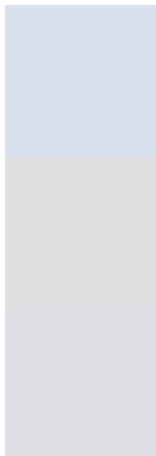
Deuteranomaly

225.2270, 1.0990, 7.6190

Tritanomaly

223.3290, -8.1160, 3.9160

Monochromacy



Original Color

223.2750, -8.0240, 2.2480

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

222.9720, -2.7970, 1.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.2750, -8.0240, 2.2480 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(217, 224, 236)` looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 236)  
}
```

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(217, 224, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 236) }
```

Border

The CSS property to change the border of an element to YIQ 223.2750, -8.0240, 2.2480 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(217, 224, 236) }
```


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

```
.border{ border-color:rgb(217, 224, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 224, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 236);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 223.2750, -8.0240, 2.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 236) }
```

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

```
.background{ background-color: rgb(217,  
224, 236) }
```

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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