

Converting Colors

YIQ(225.1290, -4.6770, 2.1630)

Have a look what the booklet for
YIQ(225.1290, -4.6770, 2.1630)
contains.

YIQ(225.1290, -4.6770, 2.1630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(225.1290, -4.6770,
2.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE1EA
RGB	222, 225, 234
RGB Percent	87%, 88%, 92%
CMY	0.1294, 0.1176, 0.0824
CMYK	0.05, 0.04, 0.00, 0.08
HSL	225°, 22%, 89%
HSV	225°, 5%, 92%
XYZ	71.9000, 75.3208, 88.5858
YIQ	225.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

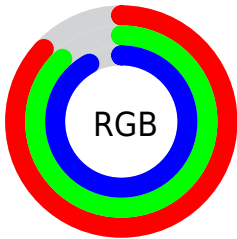
Format	Color
R _Y B	222, 224, 234
Decimal	14606826
CIE Lab	89.54, 0.66, -4.74
CIE LCh	90, 4.783, 277.875
Yxy	75.3208, 0.3049, 0.3194
Android (android.graphics.Color)	4292796906 (0xFFDEE1EA)
YUV	225.1290, 4.3734, -2.7441
Hunter-Lab	86.7876, -3.9982, 0.2328

Details

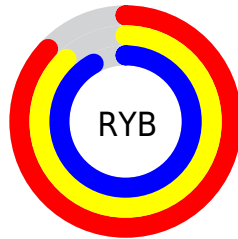
The YIQ color $225.1290, -4.6770, 2.1630$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.8710, 4.6770, -2.1630$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.0150, -4.3560, 1.8520$ is the 20% darker color. If you saturate the color by 10%, you get $207.6860, -13.4350, 6.7010$, and if you desaturate by 10%, it is $242.5720, 4.0810, -2.3750$.

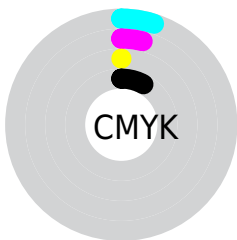
Distribution



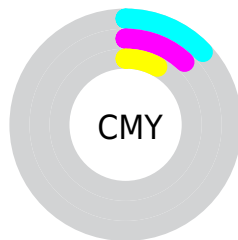
- Red (87%)
- Green (88%)
- Blue (92%)



- Red (87%)
- Yellow (88%)
- Blue (92%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.1290, -4.6770, 2.1630 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 225.1290, -4.6770, 2.1630 by changing the saturation by 10% instead.

■ 225.1290, -4.6770,
2.1630

■ 225.1290, -4.6770,
2.1630

255.0000, -0.0000,
-0.0000

■ 197.1290, -4.6770,
2.1630

■ 170.0150, -4.3560,
1.8520

■ 143.4280, -4.0810,
2.3750

■ 118.0150, -4.3560,
1.8520

■ 93.0150, -4.3560,
1.8520

■ 69.9010, -4.0350,
1.5410

■ 47.2000, -3.4390,

1.7530

■ 26.7870, -3.7140,
1.2300

■ 1.1400, -3.2100,
3.1100

■ 225.1290, -4.6770,
2.1630

■ 225.1290, -4.6770,
2.1630

■ 207.6860,
-13.4350, 6.7010

■ 242.5720, 4.0810,
-2.3750

■ 190.5310,
-23.0640, 10.5040

■ 252.6060, 6.7410,
-6.5310

■ 173.0880,
-31.8220, 15.0420

■ 155.9330,
-41.4510, 18.8450

■ 138.4900,
-50.2090, 23.3830

■ 121.6340,
-59.2420, 27.3980

■ 103.8920,
-68.5960, 31.7240

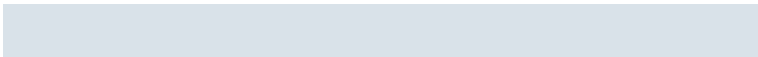
■ 87.0360, -77.6290,
35.7390

■ 69.2940, -86.9830,
40.0650

Harmonies

Analogous

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



224.1070, -7.6110, 0.2690



225.1290, -4.6770, 2.1630



226.1080, -0.1840, 3.3360

Triad

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



225.1290, -4.6770, 2.1630



226.2460, 8.1150, 1.6110



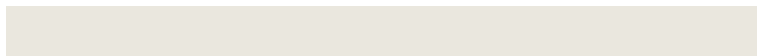
224.2120, -3.7130, -4.2970

Complementary

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



225.1290, -4.6770, 2.1630



230.8710, 4.6770, -2.1630

Split Complementary

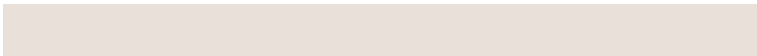
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.4790, -0.0910, -3.8590



225.1290, -4.6770, 2.1630



225.5940, 7.0150, -0.4810

Square

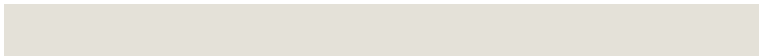
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.1290, -4.6770, 2.1630



226.1150, 7.1060, 3.3780



224.8710, 4.6770, -2.1630



223.8850, -7.1060, -3.3780

Rectangle

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



225.1290, -4.6770, 2.1630



226.1900, 2.5210, 3.8730



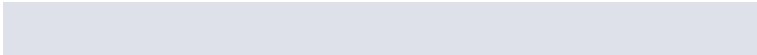
224.8710, 4.6770, -2.1630



223.8100, -2.5210, -3.8730

Sweetspot

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



225.1290, -4.6770, 2.1630



251.1570, -1.8800, 1.0320



230.0700, -6.1890, -3.4770



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.



225.1290, -4.6770, 2.1630



244.0580, -5.9150, 2.5730



224.2650, -2.0640, 4.3680



111.0860, -3.1180, 1.4420



47.0490, -70.4760, 32.7560



13.7870, -20.9090, 9.9950

Inverse Universe

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



225.9300, 6.1890, 3.4770



244.9410, 7.6560, 4.4240



231.7350, 2.0640, -4.3680



111.6200, 4.1260, 2.3180



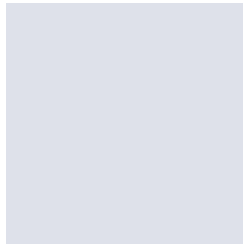
59.2490, 93.4310, 52.3670



17.6280, 28.0110, 15.4910

Previews

White Background



This preview shows how the YIQ color 225.1290, -4.6770, 2.1630 looks on a white background.

Color Contrast Check

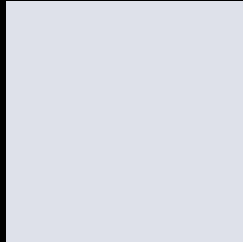
Large Text (above 18pt) WCAG AA × Fail

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 225.1290, -4.6770, 2.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

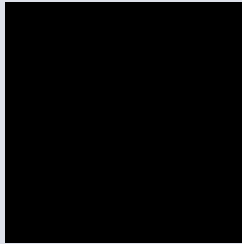
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

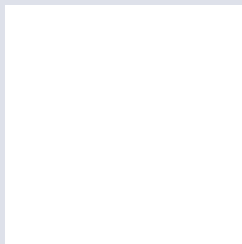
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.1290, -4.6770, 2.1630

Background



This preview shows how black text looks on a background with the YIQ color 225.1290, -4.6770, 2.1630.



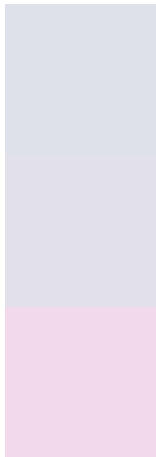
This preview shows how white text looks on a background with the YIQ color 225.1290, -4.6770,

2.1630.

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

225.1290, -4.6770, 2.1630

Protanopia

225.6240, -1.6970, 3.2230

Deuteranopia

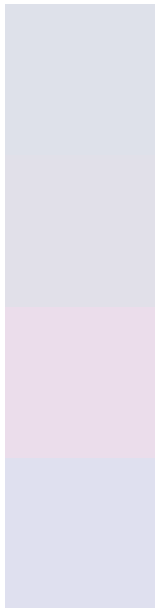
227.1140, 8.8470, 10.3750



Tritanopia

225.7530, -6.3740, 5.3860

Trichromacy



Original Color

225.1290, -4.6770, 2.1630

Protanomaly

225.3250, -2.2930, 3.0110

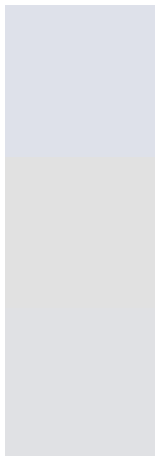
Deuteranomaly

226.7820, 3.8500, 7.3220

Tritanomaly

225.4110, -5.4110, 4.4530

Monochromacy



Original Color

225.1290, -4.6770, 2.1630

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.1290, -4.6770, 2.1630 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(222, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(222, 225, 234)  
}
```

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(222, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 225, 234) }
```

Border

The CSS property to change the border of an element to YIQ 225.1290, -4.6770, 2.1630 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(222, 225, 234) }
```


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

```
.border{ border-color:rgb(222, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(222, 225,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 225.1290, -4.6770, 2.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 225, 234) }
```

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

```
.background{ background-color: rgb(222,  
225, 234) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor