

Converting Colors

YIQ(226.8730, -6.8320, 2.6720)

Have a look what the booklet for
YIQ(226.8730, -6.8320, 2.6720)
contains.

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Color

**YIQ(226.8730, -6.8320,
2.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE3EF
RGB	222, 227, 239
RGB Percent	87%, 89%, 94%
CMY	0.1294, 0.1098, 0.0628
CMYK	0.07, 0.05, 0.00, 0.06
HSL	222°, 35%, 90%
HSV	222°, 7%, 94%
XYZ	73.1721, 76.7002, 92.6022
YIQ	226.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

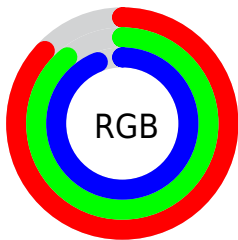
Format	Color
R_{YB}	222, 226, 239
Decimal	14607343
CIE _{Lab}	90.18, 0.57, -6.41
CIE _{LCh}	90, 6.439, 275.045
Yxy	76.7002, 0.3018, 0.3163
Android (android.graphics.Color)	4292797423 (0xFFDEE3EF)
YUV	226.8730, 5.9786, -4.2736
Hunter-Lab	87.5787, -4.1255, -1.3858

Details

The YIQ color $226.8730, -6.8320, 2.6720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $234.1270, 6.8320, -2.6720$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $171.7590, -6.5110, 2.3610$ is the 20% darker color. If you saturate the color by 10%, you get $209.7180, -16.4610, 6.4750$, and if you desaturate by 10%, it is $244.0280, 2.7970, -1.1310$.

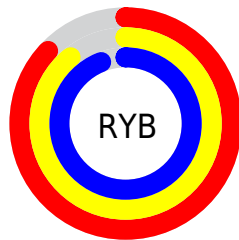
Distribution



Red (87%)

Green (89%)

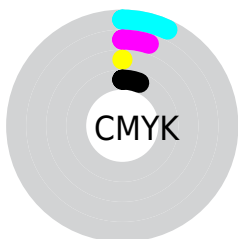
Blue (94%)



Red (87%)

Yellow (89%)

Blue (94%)

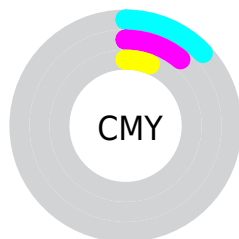


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (6%)



Cyan (13%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.8730, -6.8320, 2.6720 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 226.8730, -6.8320, 2.6720 by changing the saturation by 10% instead.

■ 226.8730, -6.8320,
2.6720

■ 226.8730, -6.8320,
2.6720

255.0000, -0.0000,
-0.0000

■ 198.8730, -6.8320,
2.6720

■ 171.7590, -6.5110,
2.3610

■ 144.7590, -6.5110,
2.3610

■ 119.6450, -6.1900,
2.0500

■ 94.6450, -6.1900,
2.0500

■ 70.9440, -5.5940,
2.2620

■ 48.8300, -5.2730,

1.9510

■ 27.7160, -4.9520,
1.6400

■ 2.2970, -5.0900,
4.1420

■ 226.8730, -6.8320,
2.6720

■ 226.8730, -6.8320,
2.6720

■ 209.7180,
-16.4610, 6.4750

■ 244.0280, 2.7970,
-1.1310

■ 192.5630,
-26.0900, 10.2780

■ 253.1760, 5.1360,
-4.9760

■ 175.4080,
-35.7190, 14.0810

■ 158.8400,
-45.6230, 17.3610

■ 141.9840,
-54.6560, 21.3760

■ 124.8290,
-64.2850, 25.1790

■ 107.6740,
-73.9140, 28.9820

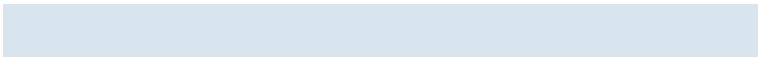
■ 90.5190, -83.5430,
32.7850

■ 73.3640, -93.1720,
36.5880

Harmonies

Analogous

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



226.1390, -10.6370, 0.0430



226.8730, -6.8320, 2.6720



227.8630, -0.8720, 4.7920

Triad

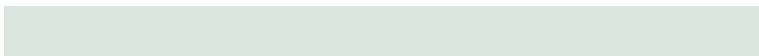
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.8730, -6.8320, 2.6720



227.7410, 11.0950, 2.6710



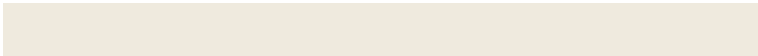
225.0870, -4.8590, -5.5550

Complementary

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



226.8730, -6.8320, 2.6720



234.1270, 6.8320, -2.6720

Split Complementary

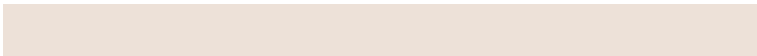
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.1370, 0.8720, -4.7920



226.8730, -6.8320, 2.6720



227.5620, 10.0410, -0.2550

Square

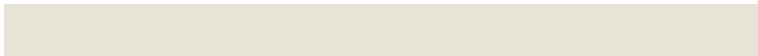
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.8730, -6.8320, 2.6720



228.4250, 9.1690, 4.5370



226.8280, 6.2360, -2.8840



225.2760, -9.7650, -4.7490

Rectangle

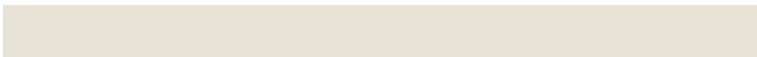
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.8730, -6.8320, 2.6720



228.1300, 2.7500, 5.2300



226.8280, 6.2360, -2.8840



225.5710, -3.3460, -5.4420

Sweetspot

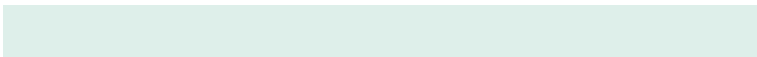
The Sweet Spot groups the original color and five complimentary colors.



226.8730, -6.8320, 2.6720



251.1570, -1.8800, 1.0320



233.3470, -8.5270, -5.1590



125.9290, -1.2380, 0.4100



0.0000, 0.0000, 0.0000



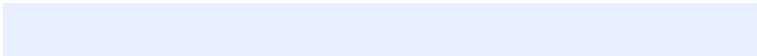
128.0000, -0.0000, -0.0000

Same Dimension

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



226.8730, -6.8320, 2.6720



238.7310, -9.3080, 3.4920



224.8350, -3.6690, 5.9230



111.1290, -4.6770, 2.1630



52.6740, -73.9140, 28.9820



16.3630, -22.6510, 8.5250

Inverse Universe

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



227.6530, 8.5270, 5.1590



239.6750, 11.4610, 7.0530



236.1650, 3.6690, -5.9230



111.9300, 6.1890, 3.4770



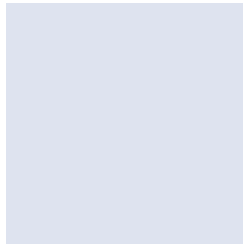
61.1720, 92.3300, 55.8020



18.6820, 27.9190, 17.1590

Previews

White Background



This preview shows how the YIQ color 226.8730, -6.8320, 2.6720 looks on a white background.

Color Contrast Check

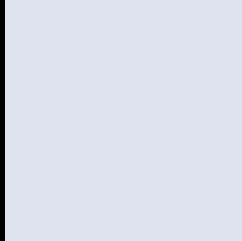
Large Text (above 18pt) WCAG AA × Fail

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 226.8730, -6.8320, 2.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

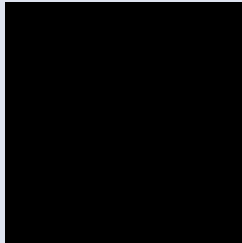
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

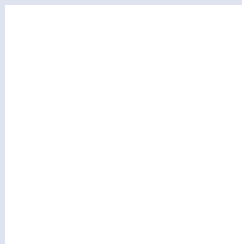
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 226.8730, -6.8320, 2.6720

Background



This preview shows how black text looks on a background with the YIQ color 226.8730, -6.8320, 2.6720.



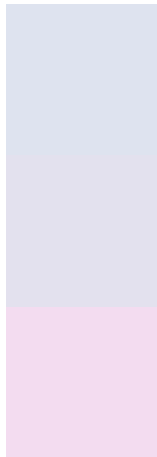
This preview shows how white text looks on a background with the YIQ color 226.8730, -6.8320,

2.6720.

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

226.8730, -6.8320, 2.6720

Protanopia

227.0800, -2.9810, 4.4670

Deuteranopia

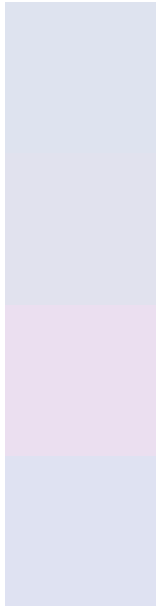
229.1570, 7.2880, 11.0960



Tritanopia

227.1550, -7.5660, 4.9620

Trichromacy



Original Color

226.8730, -6.8320, 2.6720

Protanomaly

227.0690, -4.4480, 3.5200

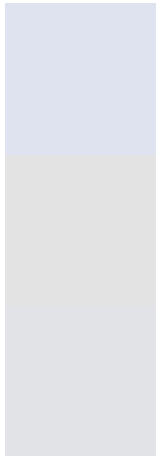
Deuteranomaly

228.5260, 1.6950, 7.8310

Tritanomaly

226.9270, -6.9240, 4.3400

Monochromacy



Original Color

226.8730, -6.8320, 2.6720

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.8580, -2.4760, 0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.8730, -6.8320, 2.6720 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, 227, 239)` looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 239)  
}
```

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, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 239) }
```

Border

The CSS property to change the border of an element to YIQ 226.8730, -6.8320, 2.6720 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, 227, 239) }
```


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

```
.border{ border-color:rgb(222, 227, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 227, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 227, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 227, 239); box-shadow:4px 4px 4px 4px rgb(222, 227, 239) }
```

Background

The CSS property to change the background color of an element to YIQ 226.8730, -6.8320, 2.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 239) }
```

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

```
.background{ background-color: rgb(222,  
227, 239) }
```

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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