

Converting Colors

YIQ(229.1450, -1.6060, 7.0820)

Have a look what the booklet for
YIQ(229.1450, -1.6060, 7.0820)
contains.

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Color

**YIQ(229.1450, -1.6060,
7.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E1F3
RGB	232, 225, 243
RGB Percent	91%, 88%, 95%
CMY	0.0902, 0.1176, 0.0471
CMYK	0.05, 0.07, 0.00, 0.05
HSL	263°, 43%, 92%
HSV	263°, 7%, 95%
XYZ	76.3823, 77.4766, 95.7186
YIQ	229.1450, -1.6060, 7.0820

Conversions

Conversions Part 2

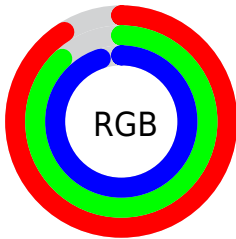
Format	Color
R_{YB}	232, 225, 243
Decimal	15262195
CIE Lab	90.54, 5.63, -7.90
CIE LCh	91, 9.703, 305.488
Yxy	77.4766, 0.3060, 0.3104
Android (android.graphics.Color)	4293452275 (0xFFE8E1F3)
YUV	229.1450, 6.8305, 2.5038
Hunter-Lab	88.0208, 0.8616, -2.8606

Details

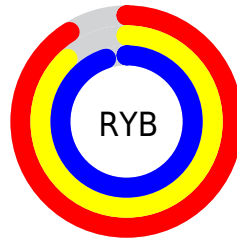
The YIQ color $229.1450, -1.6060, 7.0820$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $238.8550, 1.6060, -7.0820$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.7320, -1.8810, 6.5590$ is the 20% darker color. If you saturate the color by 10%, you get $210.5720, -3.9460, 16.4540$, and if you desaturate by 10%, it is $247.7180, 0.7340, -2.2900$.

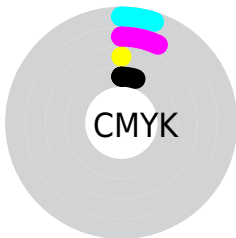
Distribution



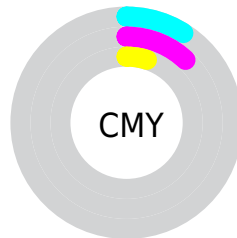
- Red (91%)
- Green (88%)
- Blue (95%)



- Red (91%)
- Yellow (88%)
- Blue (95%)



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



- Cyan (9%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1450, -1.6060, 7.0820 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 229.1450, -1.6060, 7.0820 by changing the saturation by 10% instead.

■ 229.1450, -1.6060,
7.0820

■ 229.1450, -1.6060,
7.0820

255.0000, -0.0000,
-0.0000

■ 201.1450, -1.6060,
7.0820

■ 173.7320, -1.8810,
6.5590

■ 147.0310, -1.2850,
6.7710

■ 121.6180, -1.5600,
6.2480

■ 96.5040, -1.2390,
5.9370

■ 73.0910, -1.5140,
5.4140

■ 50.0910, -1.5140,

5.4140

■ 28.9770, -1.1930,
5.1030

■ 4.5580, -1.3310,
7.6050

■ 229.1450, -1.6060,
7.0820

■ 229.1450, -1.6060,
7.0820

■ 210.5720, -3.9460,
16.4540

■ 247.7180, 0.7340,
-2.2900

■ 191.4120, -6.0110,
26.3490

■ 253.6320, 3.8520,
-3.7320

■ 172.8390, -8.3510,
35.7210

■ 154.5650,
-10.0950, 45.3050

■ 135.9920,
-12.4350, 54.6770

■ 116.8320,
-14.5000, 64.5720

■ 98.2590, -16.8400,
73.9440

■ 79.6860, -19.1800,
83.3160

■ 60.5260, -21.2450,
93.2110

Harmonies

Analogous

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



227.6600, -10.5460, 3.9020



229.1450, -1.6060, 7.0820



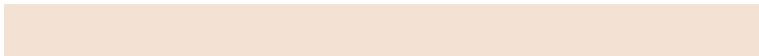
230.1630, 7.1510, 8.0710

Triad

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



229.1450, -1.6060, 7.0820



228.7860, 15.2220, -0.5380



225.3570, -14.4870, -7.2790

Complementary

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



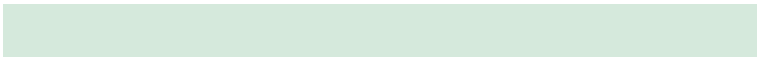
229.1450, -1.6060, 7.0820



238.8550, 1.6060, -7.0820

Split Complementary

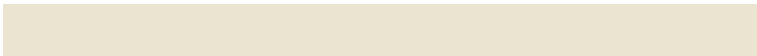
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225.5380, -7.7470, -8.2830



229.1450, -1.6060, 7.0820



227.6280, 9.6750, -4.6370

Square

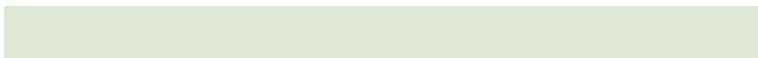
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.1450, -1.6060, 7.0820



229.7910, 16.8260, 3.4340



226.5560, 1.0100, -7.2940



225.1980, -18.2930, -4.3810

Rectangle

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



229.1450, -1.6060, 7.0820



230.0880, 11.7360, 7.5760



226.5560, 1.0100, -7.2940



224.7270, -12.6530, -7.4770

Sweetspot

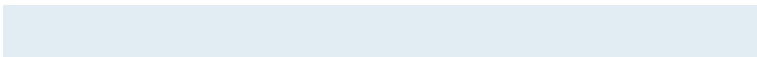
The Sweet Spot groups the original color and five complimentary colors.



229.1450, -1.6060, 7.0820



251.1680, -0.4130, 1.9790



233.5090, -8.8030, -0.1550



125.6410, -0.3670, 1.1450



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.



229.1450, -1.6060, 7.0820



237.3130, -2.0190, 9.0610



231.8360, 3.7580, 8.9900



112.8630, -0.8720, 4.7920



42.7320, -16.7940, 73.1100



13.6030, -5.2310, 23.2250

Inverse Universe

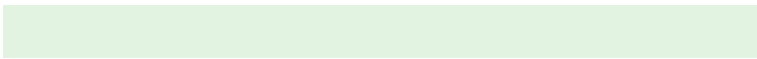
The Inverse Universe completely reimagines the original color for something new.



231.6360, 7.1970, 7.2370



240.4730, 9.2140, 9.2300



236.1640, -3.7580, -8.9900



114.5000, 4.5840, 5.0320



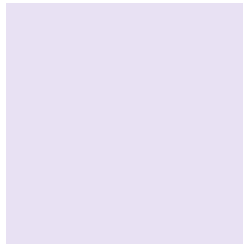
68.6100, 74.2620, 74.8860



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 229.1450, -1.6060, 7.0820 looks on a white background.

Color Contrast Check

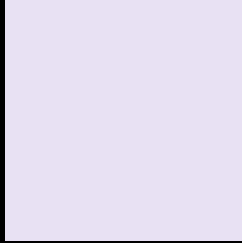
Large Text (above 18pt) WCAG AA × Fail

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 229.1450, -1.6060, 7.0820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

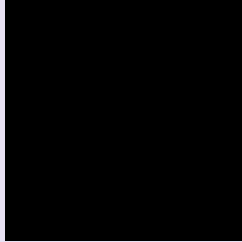
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

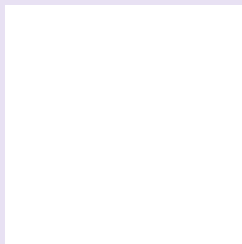
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.1450, -1.6060, 7.0820

Background



This preview shows how black text looks on a background with the YIQ color 229.1450, -1.6060, 7.0820.



This preview shows how white text looks on a background with the YIQ color 229.1450, -1.6060,

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

229.1450, -1.6060, 7.0820

Protanopia

228.3510, -5.1820, 5.8100

Deuteranopia

230.2000, 5.7290, 11.8170



Tritanopia

229.1450, -1.6060, 7.0820

Trichromacy



Original Color

229.1450, -1.6060, 7.0820

Protanomaly

228.9490, -3.9900, 6.2340

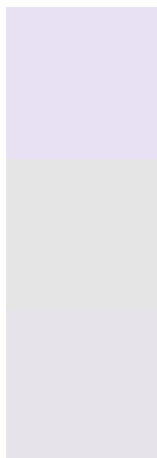
Deuteranomaly

229.5910, 3.0700, 10.4460

Tritanomaly

229.1450, -1.6060, 7.0820

Monochromacy



Original Color

229.1450, -1.6060, 7.0820

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.2820, -0.7340, 2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1450, -1.6060, 7.0820 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(232, 225, 243)` looks like.

```
.text, #text, p{  
    color:rgb(232, 225, 243)  
}
```

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(232, 225, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 225, 243) }
```

Border

The CSS property to change the border of an element to YIQ 229.1450, -1.6060, 7.0820 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(232, 225, 243) }
```


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

```
.border{ border-color:rgb(232, 225, 243) }
```

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

Here you see how a box with a 4 pixel rgb(232, 225, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 225, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 225, 243);  
box-shadow:4px 4px 4px 4px rgb(232, 225,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1450, -1.6060, 7.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 225, 243) }
```

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

```
.background{ background-color: rgb(232,  
225, 243) }
```

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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