

Converting Colors

YIQ(231.2050, -1.8350, 5.7250)

Have a look what the booklet for
YIQ(231.2050, -1.8350, 5.7250)
contains.

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Color

**YIQ(231.2050, -1.8350,
5.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E4F3
RGB	233, 228, 243
RGB Percent	91%, 89%, 95%
CMY	0.0862, 0.1059, 0.0471
CMYK	0.04, 0.06, 0.00, 0.05
HSL	260°, 38%, 92%
HSV	260°, 6%, 95%
XYZ	77.5258, 79.2810, 96.0069
YIQ	231.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

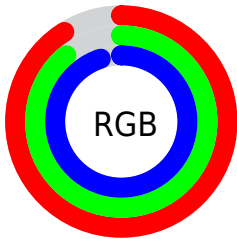
Format	Color
R _Y B	233, 228, 243
Decimal	15328499
CIE Lab	91.36, 4.40, -6.68
CIE LCh	91, 7.999, 303.402
Yxy	79.2810, 0.3067, 0.3136
Android (android.graphics.Color)	4293518579 (0xFFE9E4F3)
YUV	231.2050, 5.8149, 1.5742
Hunter-Lab	89.0399, -0.4023, -1.6013

Details

The YIQ color $231.2050, -1.8350, 5.7250$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.7950, 1.8350, -5.7250$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.7920, -2.1100, 5.2020$ is the 20% darker color. If you saturate the color by 10%, you get $212.3330, -4.7710, 14.8850$, and if you desaturate by 10%, it is $250.0770, 1.1010, -3.4350$.

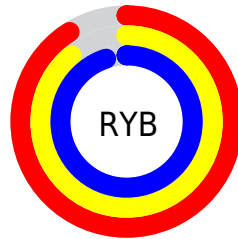
Distribution



Red (91%)

Green (89%)

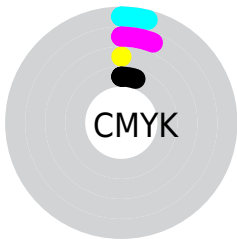
Blue (95%)



Red (91%)

Yellow (89%)

Blue (95%)

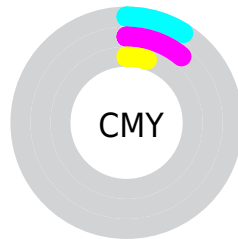


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.2050, -1.8350, 5.7250 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 231.2050, -1.8350, 5.7250 by changing the saturation by 10% instead.

■ 231.2050, -1.8350,
5.7250

■ 231.2050, -1.8350,
5.7250

255.0000, -0.0000,
-0.0000

■ 203.2050, -1.8350,
5.7250

■ 175.7920, -2.1100,
5.2020

■ 149.0910, -1.5140,
5.4140

■ 123.0910, -1.5140,
5.4140

■ 98.5640, -1.4680,
4.5800

■ 74.5640, -1.4680,
4.5800

■ 52.1510, -1.7430,

4.0570

■ 31.0370, -1.4220,
3.7460

■ 6.0310, -1.2850,
6.7710

■ 231.2050, -1.8350,
5.7250

■ 231.2050, -1.8350,
5.7250

■ 212.3330, -4.7710,
14.8850

■ 250.0770, 1.1010,
-3.4350

■ 192.8740, -7.4320,
24.5680

■ 253.6320, 3.8520,
-3.7320

■ 173.7030,
-10.9640, 33.5160

■ 154.8310,
-13.9000, 42.6760

■ 135.9590,
-16.8360, 51.8360

■ 116.5000,
-19.4970, 61.5190

■ 97.6280, -22.4330,
70.6790

■ 78.4570, -25.9650,
79.6270

■ 58.9980, -28.6260,
89.3100

Harmonies

Analogous

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



230.5030, -8.6660, 2.8700



231.2050, -1.8350, 5.7250



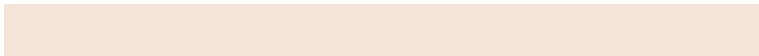
231.7390, 5.4090, 6.6010

Triad

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



231.2050, -1.8350, 5.7250



230.6440, 12.7460, 0.2820



227.9660, -11.8280, -5.9080

Complementary

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



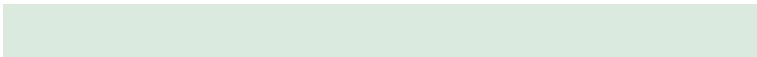
231.2050, -1.8350, 5.7250



239.7950, 1.8350, -5.7250

Split Complementary

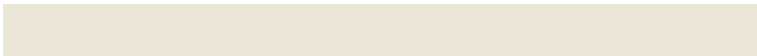
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.2610, -5.4090, -6.6010



231.2050, -1.8350, 5.7250



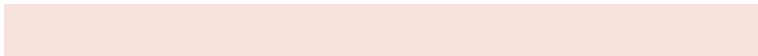
230.0840, 8.3910, -3.3930

Square

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



231.2050, -1.8350, 5.7250



231.8230, 13.8000, 3.2080



228.7950, 1.8350, -5.7250



227.8780, -14.3960, -3.4200

Rectangle

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



231.2050, -1.8350, 5.7250



231.7780, 9.6730, 6.4170



228.7950, 1.8350, -5.7250



227.9230, -10.2690, -6.6290

Sweetspot

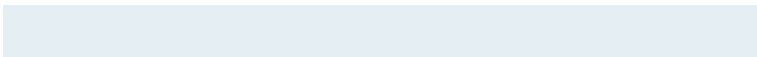
The Sweet Spot groups the original color and five complimentary colors.



231.2050, -1.8350, 5.7250



251.1680, -0.4130, 1.9790



235.5800, -7.5650, -0.5650



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.



231.2050, -1.8350, 5.7250



240.8460, -2.2020, 6.8700



233.2980, 2.3370, 7.2090



114.9230, -1.1010, 3.4350



39.7420, -22.7540, 70.9900



12.7060, -7.0190, 22.5890

Inverse Universe

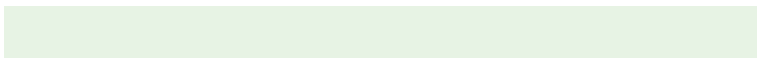
The Inverse Universe completely reimagines the original color for something new.



233.6250, 5.7300, 6.2900



243.7500, 6.8760, 7.5480



237.7020, -2.3370, -7.2090



116.3750, 3.4380, 3.7740



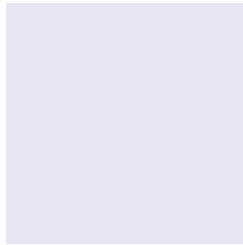
69.7500, 71.0520, 77.9960



22.0870, 22.6450, 24.6370

Previews

White Background



This preview shows how the YIQ color 231.2050, -1.8350, 5.7250 looks on a white background.

Color Contrast Check

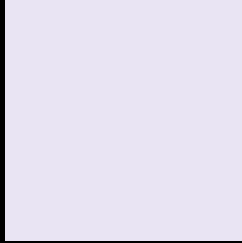
Large Text (above 18pt) WCAG AA × Fail

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 231.2050, -1.8350, 5.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

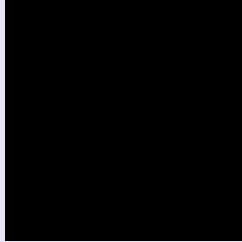
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

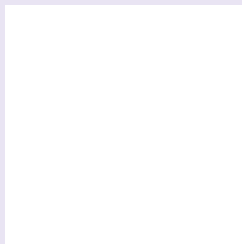
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.2050, -1.8350, 5.7250

Background



This preview shows how black text looks on a background with the YIQ color 231.2050, -1.8350, 5.7250.



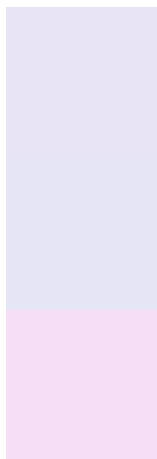
This preview shows how white text looks on a background with the YIQ color 231.2050, -1.8350,

5.7250.

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

231.2050, -1.8350, 5.7250

Protanopia

230.8950, -3.8980, 4.5660

Deuteranopia

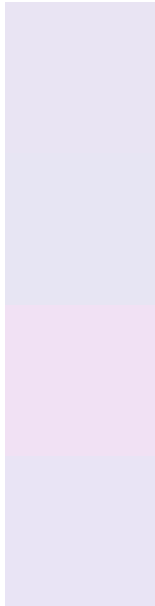
232.2710, 6.9670, 11.4070



Tritanopia

231.5470, -2.7980, 6.6580

Trichromacy



Original Color

231.2050, -1.8350, 5.7250

Protanomaly

231.1940, -3.3020, 4.7780

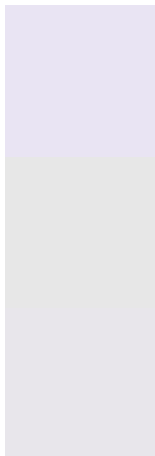
Deuteranomaly

231.9500, 3.4370, 9.3010

Tritanomaly

231.4330, -2.4770, 6.3470

Monochromacy



Original Color

231.2050, -1.8350, 5.7250

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

231.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.2050, -1.8350, 5.7250 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(233, 228, 243)` looks like.

```
.text, #text, p{  
    color:rgb(233, 228, 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(233, 228, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 228, 243) }
```

Border

The CSS property to change the border of an element to YIQ 231.2050, -1.8350, 5.7250 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(233, 228, 243) }
```


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

```
.border{ border-color:rgb(233, 228, 243) }
```

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

Here you see how a box with a 4 pixel rgb(233, 228, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 228, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 228, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 228,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 231.2050, -1.8350, 5.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 228, 243) }
```

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

```
.background{ background-color: rgb(233,  
228, 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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