

Converting Colors

YIQ(231.2480, -3.3940, 6.4460)

Have a look what the booklet for
YIQ(231.2480, -3.3940, 6.4460)
contains.

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Color

**YIQ(231.2480, -3.3940,
6.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E4F6
RGB	232, 228, 246
RGB Percent	91%, 89%, 96%
CMY	0.0902, 0.1059, 0.0353
CMYK	0.06, 0.07, 0.00, 0.04
HSL	253°, 50%, 93%
HSV	253°, 7%, 96%
XYZ	77.6569, 79.2960, 98.3959
YIQ	231.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

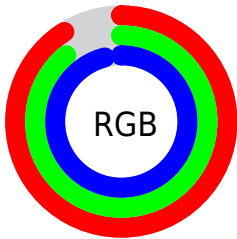
Format	Color
R _Y B	232, 228, 246
Decimal	15262966
CIE Lab	91.37, 4.64, -8.24
CIE LCh	91, 9.458, 299.359
Yxy	79.2960, 0.3041, 0.3105
Android (android.graphics.Color)	4293453046 (0xFFE8E4F6)
YUV	231.2480, 7.2727, 0.6595
Hunter-Lab	89.0483, -0.1690, -3.1800

Details

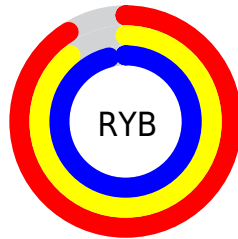
The YIQ color $231.2480, -3.3940, 6.4460$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.7520, 3.3940, -6.4460$, and the grayscale version is $231.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $175.8350, -3.6690, 5.9230$ is the 20% darker color. If you saturate the color by 10%, you get $210.8920, -7.8430, 15.4930$, and if you desaturate by 10%, it is $251.6040, 1.0550, -2.6010$.

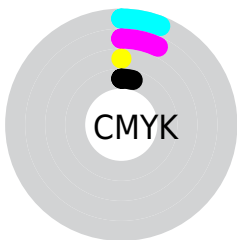
Distribution



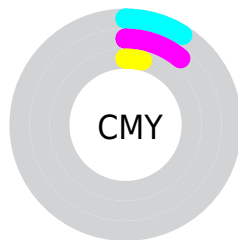
- Red (91%)
- Green (89%)
- Blue (96%)



- Red (91%)
- Yellow (89%)
- Blue (96%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.2480, -3.3940, 6.4460 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 231.2480, -3.3940, 6.4460 by changing the saturation by 10% instead.

■ 231.2480, -3.3940,
6.4460

■ 231.2480, -3.3940,
6.4460

255.0000, -0.0000,
-0.0000

■ 203.2480, -3.3940,
6.4460

■ 175.8350, -3.6690,
5.9230

■ 149.1340, -3.0730,
6.1350

■ 123.0200, -2.7520,
5.8240

■ 98.6070, -3.0270,
5.3010

■ 74.6070, -3.0270,
5.3010

■ 52.0800, -2.9810,

4.4670

■ 30.9660, -2.6600,
4.1560

■ 5.9600, -2.5230,
7.1810

■ 231.2480, -3.3940,
6.4460

■ 231.2480, -3.3940,
6.4460

■ 210.8920, -7.8430,
15.4930

■ 251.6040, 1.0550,
-2.6010

■ 191.1230,
-12.5670, 24.0170

■ 253.9740, 2.8890,
-2.7990

■ 170.7670,
-17.0160, 33.0640

■ 150.9980,
-21.7400, 41.5880

■ 130.3430,
-26.7850, 50.4230

■ 109.9870,
-31.2340, 59.4700

■ 90.2180, -35.9580,
67.9940

■ 69.8620, -40.4070,
77.0410

■ 50.0930, -45.1310,
85.5650

Harmonies

Analogous

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



229.9480, -11.4170, 3.1670



231.2480, -3.3940, 6.4460



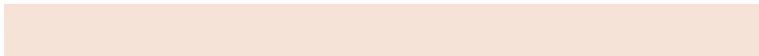
231.7930, 5.3170, 8.2690

Triad

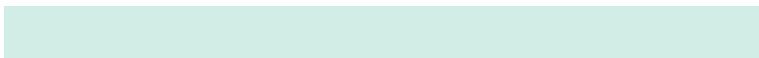
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.2480, -3.3940, 6.4460



231.3130, 15.1760, 0.2960



227.5420, -13.5700, -7.3780

Complementary

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



231.2480, -3.3940, 6.4460



242.7520, 3.3940, -6.4460

Split Complementary

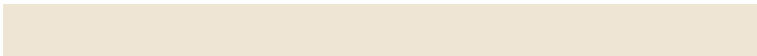
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.3210, -5.6380, -7.9580



231.2480, -3.3940, 6.4460



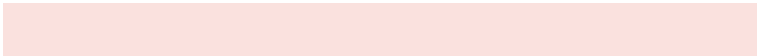
229.7530, 10.8210, -3.3790

Square

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



231.2480, -3.3940, 6.4460



232.1330, 15.8630, 4.3670



228.7520, 3.3940, -6.4460



227.3830, -17.3760, -4.4800

Rectangle

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



231.2480, -3.3940, 6.4460



232.0170, 10.4980, 7.9860



228.7520, 3.3940, -6.4460



227.7980, -11.4150, -7.8870

Sweetspot

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



231.2480, -3.3940, 6.4460



250.8690, -1.0090, 1.7670



238.2700, -9.6280, -1.7240



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.



231.2480, -3.3940, 6.4460



236.1170, -4.4030, 8.2130



233.9390, 1.9700, 8.3540



112.2650, -2.0640, 4.3680



33.4630, -35.2700, 66.5380



10.6130, -11.1910, 21.1050

Inverse Universe

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



234.9780, 6.2340, 8.1700



240.9290, 7.9300, 10.4740



240.0610, -1.9700, -8.3540



114.7280, 3.9420, 5.6540



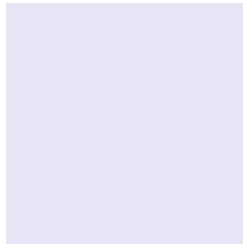
72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 231.2480, -3.3940, 6.4460 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 231.2480, -3.3940, 6.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

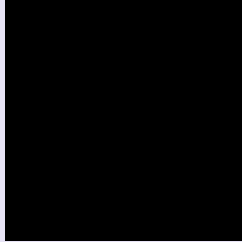
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 231.2480, -3.3940, 6.4460

Background



This preview shows how black text looks on a background with the YIQ color 231.2480, -3.3940, 6.4460.



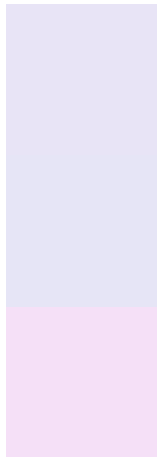
This preview shows how white text looks on a background with the YIQ color 231.2480, -3.3940,

6.4460.

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

231.2480, -3.3940, 6.4460

Protanopia

231.2370, -4.8610, 5.4990

Deuteranopia

232.9010, 5.1330, 11.6050



Tritanopia

231.2480, -3.3940, 6.4460

Trichromacy



Original Color

231.2480, -3.3940, 6.4460

Protanomaly

231.5360, -4.2650, 5.7110

Deuteranomaly

231.9930, 1.8780, 10.0220

Tritanomaly

231.2480, -3.3940, 6.4460

Monochromacy



Original Color

231.2480, -3.3940, 6.4460

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.2480, -3.3940, 6.4460 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, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(232, 228, 246)  
}
```

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, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 228, 246) }
```

Border

The CSS property to change the border of an element to YIQ 231.2480, -3.3940, 6.4460 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, 228, 246) }
```


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

```
.border{ border-color:rgb(232, 228, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 228, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(232, 228,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 231.2480, -3.3940, 6.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 228, 246) }
```

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

```
.background{ background-color: rgb(232,  
228, 246) }
```

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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