

Converting Colors

YIQ(231.7820, 3.8500, 7.3220)

Have a look what the booklet for
YIQ(231.7820, 3.8500, 7.3220)
contains.

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Color

**YIQ(231.7820, 3.8500,
7.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E2F0
RGB	240, 226, 240
RGB Percent	94%, 89%, 94%
CMY	0.0588, 0.1137, 0.0588
CMYK	0.00, 0.06, 0.00, 0.06
HSL	300°, 32%, 91%
HSV	300°, 6%, 94%
XYZ	78.8619, 79.2080, 93.5712
YIQ	231.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

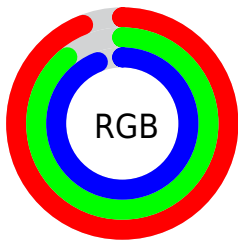
Format	Color
R _Y B	240, 226, 240
Decimal	15786736
CIE Lab	91.33, 7.21, -5.10
CIE LCh	91, 8.834, 324.748
Yxy	79.2080, 0.3134, 0.3148
Android (android.graphics.Color)	4293976816 (0xFFFF0E2F0)
YUV	231.7820, 4.0515, 7.2072
Hunter-Lab	88.9989, 2.4208, -0.0368

Details

The YIQ color $231.7820, 3.8500, 7.3220$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.2180, -3.8500, -7.3220$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.3690, 3.5750, 6.7990$ is the 20% darker color. If you saturate the color by 10%, you get $217.6940, 10.4500, 19.8740$, and if you desaturate by 10%, it is $245.8700, -2.7500, -5.2300$.

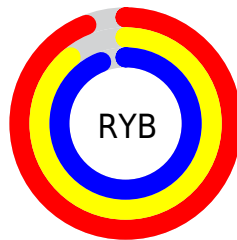
Distribution



Red (94%)

Green (89%)

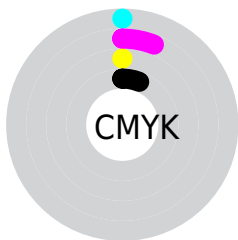
Blue (94%)



Red (94%)

Yellow (89%)

Blue (94%)

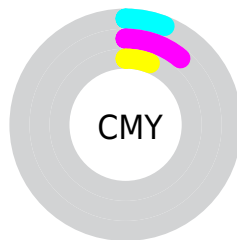


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.7820, 3.8500, 7.3220 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 231.7820, 3.8500, 7.3220 by changing the saturation by 10% instead.

231.7820, 3.8500,
7.3220

231.7820, 3.8500,
7.3220

255.0000, -0.0000,
-0.0000

203.7820, 3.8500,
7.3220

176.3690, 3.5750,
6.7990

149.3690, 3.5750,
6.7990

123.9560, 3.3000,
6.2760

98.9560, 3.3000,
6.2760

74.9560, 3.3000,
6.2760

52.5430, 3.0250,

5.7530

■ 31.1300, 2.7500,
5.2300

■ 6.9070, 4.9960,
8.5800

■ 231.7820, 3.8500,
7.3220

■ 231.7820, 3.8500,
7.3220

■ 217.6940, 10.4500,
19.8740

■ 245.8700, -2.7500,
-5.2300

■ 203.6060, 17.0500,
32.4260

■ 248.8050, -4.1250,
-7.8450

■ 189.5180, 23.6500,
44.9780

■ 175.4300, 30.2500,
57.5300

■ 161.3420, 36.8500,
70.0820

■ 147.2540, 43.4500,
82.6340

■ 133.1660, 50.0500,
95.1860

■ 119.0780, 56.6500,
107.7380

■ 104.9900, 63.2500,
120.2900

Harmonies

Analogous

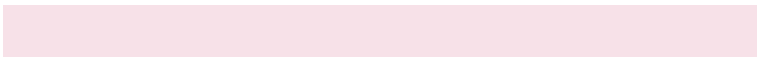
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.5360, -4.2650, 5.7110



231.7820, 3.8500, 7.3220



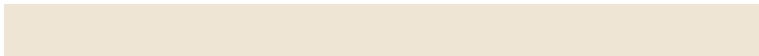
232.3760, 10.8650, 6.8410

Triad

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



231.7820, 3.8500, 7.3220



230.1660, 11.0960, -2.8560



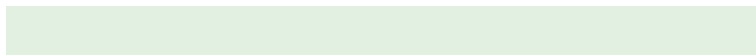
227.7530, -15.5420, -4.6780

Complementary

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



231.7820, 3.8500, 7.3220



234.2180, -3.8500, -7.3220

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.



227.3250, -11.4610, -7.0530



231.7820, 3.8500, 7.3220



229.4640, 4.2650, -5.7110

Square

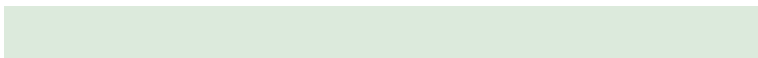
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.7820, 3.8500, 7.3220



230.9540, 14.8090, 1.4410



228.2180, -3.8500, -7.3220



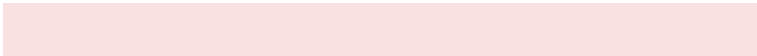
228.5620, -16.3220, -1.5540

Rectangle

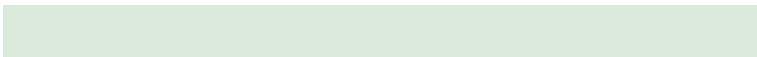
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.7820, 3.8500, 7.3220



232.2900, 13.9830, 5.3990



228.2180, -3.8500, -7.3220



227.4110, -14.5790, -5.6110

Sweetspot

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



231.7820, 3.8500, 7.3220



252.0650, 1.3750, 2.6150



227.5960, -4.4940, 4.3540



126.1250, 1.1460, 1.2580



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.



231.7820, 3.8500, 7.3220



244.4340, 4.9500, 9.4140



230.9840, 6.0970, 5.1450



114.1300, 2.7500, 5.2300



75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Inverse Universe

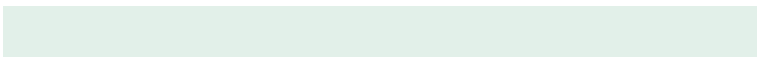
The Inverse Universe completely reimagines the original color for something new.



231.7820, 3.8500, 7.3220



244.4340, 4.9500, 9.4140



235.0160, -6.0970, -5.1450



114.1300, 2.7500, 5.2300



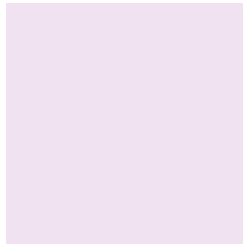
75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Previews

White Background



This preview shows how the YIQ color 231.7820, 3.8500, 7.3220 looks on a white background.

Color Contrast Check

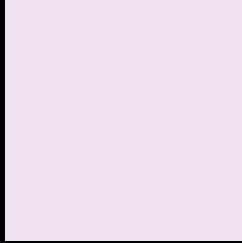
Large Text (above 18pt) WCAG AA × Fail

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 231.7820, 3.8500, 7.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

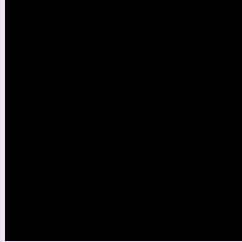
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

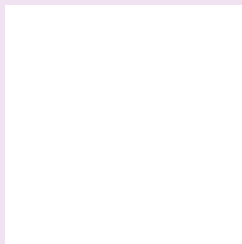
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.7820, 3.8500, 7.3220

Background



This preview shows how black text looks on a background with the YIQ color 231.7820, 3.8500, 7.3220.



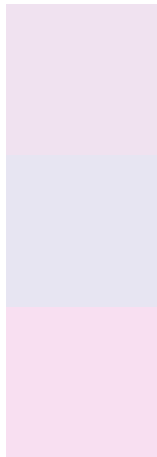
This preview shows how white text looks on a background with the YIQ color 231.7820, 3.8500,

7.3220.

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

231.7820, 3.8500, 7.3220

Protanopia

231.0800, -2.9810, 4.4670

Deuteranopia

232.5270, 9.1220, 10.8980



Tritanopia

231.5370, 3.1620, 8.7780

Trichromacy



Original Color

231.7820, 3.8500, 7.3220

Protanomaly

231.2760, -0.5970, 5.3150

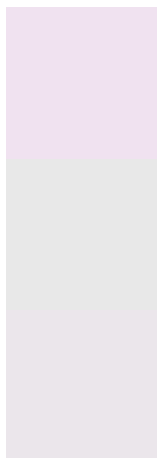
Deuteranomaly

232.2170, 7.0590, 9.7390

Tritanomaly

231.4230, 3.4830, 8.4670

Monochromacy



Original Color

231.7820, 3.8500, 7.3220

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.7820, 3.8500, 7.3220 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(240, 226, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 240)  
}
```

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(240, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 240) }
```

Border

The CSS property to change the border of an element to YIQ 231.7820, 3.8500, 7.3220 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(240, 226, 240) }
```


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

```
.border{ border-color:rgb(240, 226, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 226, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 231.7820, 3.8500, 7.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 240) }
```

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

```
.background{ background-color: rgb(240,  
226, 240) }
```

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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