

Converting Colors

YIQ(223.1020, -0.0470, 6.3610)

Have a look what the booklet for
YIQ(223.1020, -0.0470, 6.3610)
contains.

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Color

**YIQ(223.1020, -0.0470,
6.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	E3DBEA
RGB	227, 219, 234
RGB Percent	89%, 86%, 92%
CMY	0.1098, 0.1412, 0.0824
CMYK	0.03, 0.06, 0.00, 0.08
HSL	272°, 26%, 89%
HSV	272°, 6%, 92%
XYZ	71.8623, 72.9337, 88.1297
YIQ	223.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

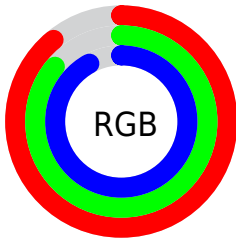
Format	Color
R _Y B	227, 219, 234
Decimal	14932970
CIE Lab	88.42, 5.43, -6.36
CIE LCh	88, 8.365, 310.507
Yxy	72.9337, 0.3085, 0.3131
Android (android.graphics.Color)	4293123050 (0xFFE3DBEA)
YUV	223.1020, 5.3727, 3.4185
Hunter-Lab	85.4012, 0.7497, -1.4034

Details

The YIQ color $223.1020, -0.0470, 6.3610$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.8980, 0.0470, -6.3610$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.9880, 0.2740, 6.0500$ is the 20% darker color. If you saturate the color by 10%, you get $206.3120, -0.2780, 16.0580$, and if you desaturate by 10%, it is $239.8920, 0.1840, -3.3360$.

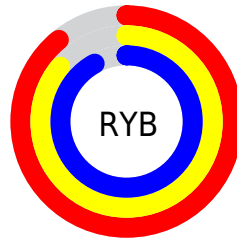
Distribution



Red (89%)

Green (86%)

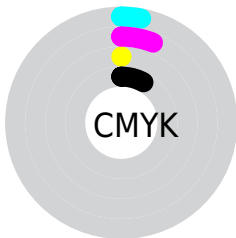
Blue (92%)



Red (89%)

Yellow (86%)

Blue (92%)

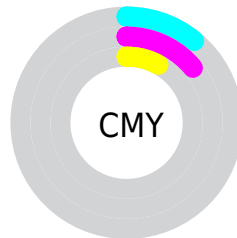


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (8%)



Cyan (11%)

Magenta (14%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.1020, -0.0470, 6.3610 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 223.1020, -0.0470, 6.3610 by changing the saturation by 10% instead.

■ 223.1020, -0.0470,
6.3610

■ 223.1020, -0.0470,
6.3610

255.0000, -0.0000,
-0.0000

■ 195.1020, -0.0470,
6.3610

■ 167.9880, 0.2740,
6.0500

■ 141.6890, -0.3220,
5.8380

■ 115.6890, -0.3220,
5.8380

■ 91.5750, -0.0010,
5.5270

■ 68.1620, -0.2760,
5.0040

■ 46.0480, 0.0450,

4.6930

■ 25.0480, 0.0450,
4.6930

■ 1.0260, -2.8890,
2.7990

■ 223.1020, -0.0470,
6.3610

■ 223.1020, -0.0470,
6.3610

■ 206.3120, -0.2780,
16.0580

■ 239.8920, 0.1840,
-3.3360

■ 188.9350, -0.2340,
26.2780

■ 250.8120, 3.1650,
-7.8030

■ 172.1450, -0.4650,
35.9750

■ 252.6060, 6.7410,
-6.5310

■ 154.7680, -0.4210,
46.1950

■ 137.9780, -0.6520,
55.8920

■ 121.4870, -0.2870,
65.8010

■ 104.1100, -0.2430,
76.0210

■ 87.3200, -0.4740,
85.7180

■ 69.9430, -0.4300,
95.9380

Harmonies

Analogous

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



222.2150, -7.7950, 3.6050



223.1020, -0.0470, 6.3610



223.5220, 7.5180, 6.9260

Triad

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



223.1020, -0.0470, 6.3610



222.7040, 12.5170, -1.0750



219.4820, -13.3410, -6.0210

Complementary

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



223.1020, -0.0470, 6.3610



229.8980, 0.0470, -6.3610

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.



219.4780, -7.5180, -6.9260



223.1020, -0.0470, 6.3610



221.3720, 7.5200, -4.1280

Square

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



223.1020, -0.0470, 6.3610



223.5950, 14.4420, 2.5860



220.5990, -0.5490, -6.5730



219.8070, -15.6340, -3.0100

Rectangle

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



223.1020, -0.0470, 6.3610



223.8490, 10.9110, 6.0070



220.5990, -0.5490, -6.5730



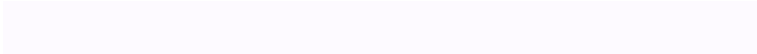
219.5530, -12.1030, -6.4310

Sweetspot

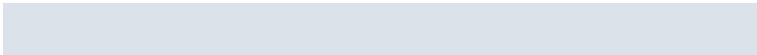
The Sweet Spot groups the original color and five complimentary colors.



223.1020, -0.0470, 6.3610



251.4670, 0.1830, 2.1910



224.8190, -6.7400, 1.0040



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.



223.1020, -0.0470, 6.3610



240.2700, -0.4600, 8.3400



225.0810, 4.4460, 7.5340



109.0480, 0.0450, 4.6930



49.6370, -0.2890, 76.8550



14.8270, -0.0500, 22.9420

Inverse Universe

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



224.2830, 6.6930, 5.3570



242.0060, 9.0310, 7.0390



227.9190, -4.4460, -7.5340



109.8590, 4.9510, 3.8870



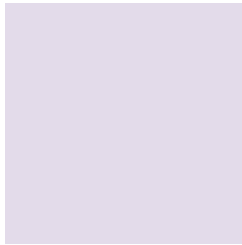
63.6950, 80.9120, 64.4960



18.9960, 24.1590, 19.2230

Previews

White Background



This preview shows how the YIQ color 223.1020, -0.0470, 6.3610 looks on a white background.

Color Contrast Check

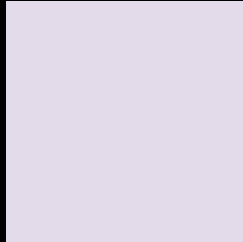
Large Text (above 18pt) WCAG AA × Fail

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 223.1020, -0.0470, 6.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

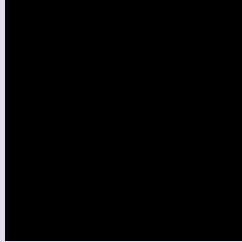
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

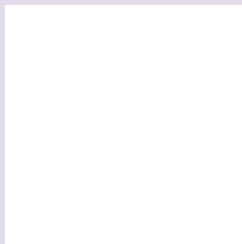
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.1020, -0.0470, 6.3610

Background



This preview shows how black text looks on a background with the YIQ color 223.1020, -0.0470, 6.3610.



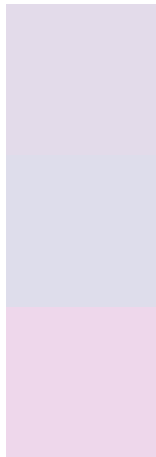
This preview shows how white text looks on a background with the YIQ color 223.1020, -0.0470,

6.3610.

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

223.1020, -0.0470, 6.3610

Protanopia

222.8950, -3.8980, 4.5660

Deuteranopia

224.1570, 7.2880, 11.0960



Tritanopia

223.3300, -0.6890, 6.9830

Trichromacy



Original Color

223.1020, -0.0470, 6.3610

Protanomaly

222.9060, -2.4310, 5.5130

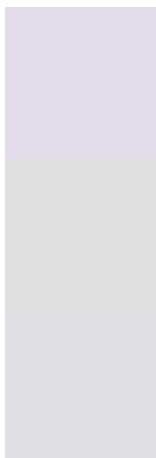
Deuteranomaly

223.5480, 4.6290, 9.7250

Tritanomaly

223.2160, -0.3680, 6.6720

Monochromacy



Original Color

223.1020, -0.0470, 6.3610

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.1020, -0.0470, 6.3610 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(227, 219, 234)` looks like.

```
.text, #text, p{  
    color:rgb(227, 219, 234)  
}
```

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(227, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 219, 234) }
```

Border

The CSS property to change the border of an element to YIQ 223.1020, -0.0470, 6.3610 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(227, 219, 234) }
```


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

```
.border{ border-color:rgb(227, 219, 234) }
```

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

Here you see how a box with a 4 pixel rgb(227, 219, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(227, 219,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 223.1020, -0.0470, 6.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 219, 234) }
```

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

```
.background{ background-color: rgb(227,  
219, 234) }
```

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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