

Converting Colors

YIQ(229.6460, 1.2370, 5.1170)

Have a look what the booklet for
YIQ(229.6460, 1.2370, 5.1170)
contains.

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Color

**YIQ(229.6460, 1.2370,
5.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE2ED
RGB	234, 226, 237
RGB Percent	92%, 89%, 93%
CMY	0.0823, 0.1137, 0.0706
CMYK	0.01, 0.05, 0.00, 0.07
HSL	284°, 23%, 91%
HSV	284°, 5%, 93%
XYZ	76.4152, 77.9988, 91.1478
YIQ	229.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

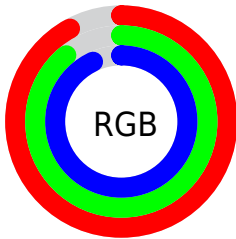
Format	Color
RYB	234, 226, 237
Decimal	15393517
CIELab	90.78, 4.67, -4.39
CIELCh	91, 6.409, 316.776
Yxy	77.9988, 0.3112, 0.3176
Android (android.graphics.Color)	4293583597 (0xFFEAE2ED)
YUV	229.6460, 3.6255, 3.8185
Hunter-Lab	88.3169, -0.1095, 0.6314

Details

The YIQ color $229.6460, 1.2370, 5.1170$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $233.3540, -1.2370, -5.1170$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.2330, 0.9620, 4.5940$ is the 20% darker color. If you saturate the color by 10%, you get $213.7640, 4.2610, 16.3970$, and if you desaturate by 10%, it is $245.5280, -1.7870, -6.1630$.

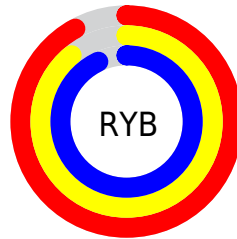
Distribution



Red (92%)

Green (89%)

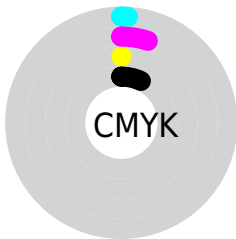
Blue (93%)



Red (92%)

Yellow (89%)

Blue (93%)

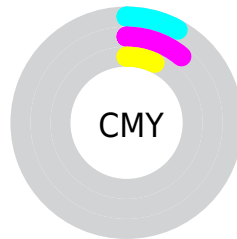


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (8%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.6460, 1.2370, 5.1170 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 229.6460, 1.2370, 5.1170 by changing the saturation by 10% instead.

■ 229.6460, 1.2370,
5.1170

■ 229.6460, 1.2370,
5.1170

255.0000, -0.0000,
-0.0000

■ 201.6460, 1.2370,
5.1170

■ 174.2330, 0.9620,
4.5940

■ 147.5320, 1.5580,
4.8060

■ 122.1190, 1.2830,
4.2830

■ 97.1190, 1.2830,
4.2830

■ 73.1190, 1.2830,
4.2830

■ 50.7060, 1.0080,

3.7600

■ 29.7060, 1.0080,
3.7600

■ 4.4720, 1.7870,
6.1630

■ 229.6460, 1.2370,
5.1170

■ 229.6460, 1.2370,
5.1170

■ 213.7640, 4.2610,
16.3970

■ 245.5280, -1.7870,
-6.1630

■ 198.1700, 6.4140,
26.9420

■ 250.5560, 1.0100,
-7.2940

■ 182.2880, 9.4380,
38.2220

■ 252.3500, 4.5860,
-6.0220

■ 166.1070, 11.8660,
49.2900

■ 252.9480, 5.7780,
-5.5980

■ 150.8120, 14.6150,
60.0470

■ 134.6310, 17.0430,
71.1150

■ 118.7490, 20.0670,
82.3950

■ 102.5680, 22.4950,
93.4630

■ 87.2730, 25.2440,
104.2200

Harmonies

Analogous

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



229.0690, -4.4480, 3.5200



229.6460, 1.2370, 5.1170



230.2830, 6.6930, 5.3570

Triad

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



229.6460, 1.2370, 5.1170



228.8500, 9.1700, -0.9900



226.6180, -10.7280, -3.8160

Complementary

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



229.6460, 1.2370, 5.1170



233.3540, -1.2370, -5.1170

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.



226.8310, -7.0140, -5.0460



229.6460, 1.2370, 5.1170



227.9310, 4.4480, -3.5200

Square

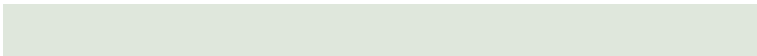
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.6460, 1.2370, 5.1170



229.2140, 11.1410, 1.8370



227.3540, -1.2370, -5.1170



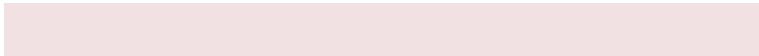
227.4870, -11.7370, -2.0490

Rectangle

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



229.6460, 1.2370, 5.1170



230.3110, 9.4900, 4.2260



227.3540, -1.2370, -5.1170



226.6890, -9.4900, -4.2260

Sweetspot

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



229.6460, 1.2370, 5.1170



252.9400, 0.2290, 1.3570



229.0150, -4.3560, 1.8520



126.5270, -0.0460, 0.8340



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.



229.6460, 1.2370, 5.1170



244.9990, 1.7410, 6.9970



230.3150, 3.6670, 5.1310



111.7060, 1.0080, 3.7600



60.1020, 20.5710, 84.2750



17.8170, 5.9100, 25.0620

Inverse Universe

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



229.6310, 5.5930, 3.2650



244.9410, 7.6560, 4.4240



232.6850, -3.6670, -5.1310



111.6200, 4.1260, 2.3180



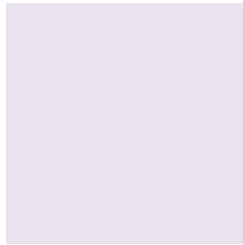
59.7050, 92.1470, 53.6110



17.8560, 27.3690, 16.1130

Previews

White Background



This preview shows how the YIQ color 229.6460, 1.2370, 5.1170 looks on a white background.

Color Contrast Check

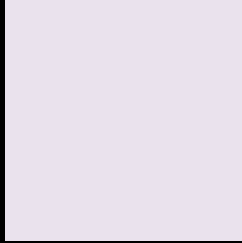
Large Text (above 18pt) WCAG AA × Fail

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 229.6460, 1.2370, 5.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

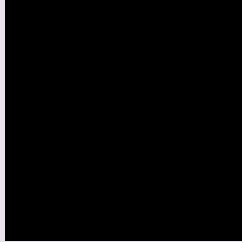
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

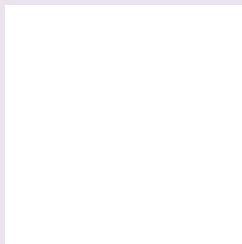
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.6460, 1.2370, 5.1170

Background



This preview shows how black text looks on a background with the YIQ color 229.6460, 1.2370, 5.1170.

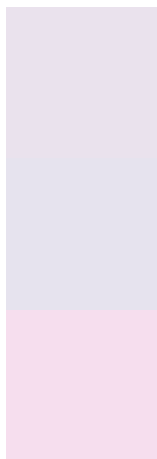


This preview shows how white text looks on a background with the YIQ color 229.6460, 1.2370,

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

229.6460, 1.2370, 5.1170

Protanopia

229.1510, -1.7430, 4.0570

Deuteranopia

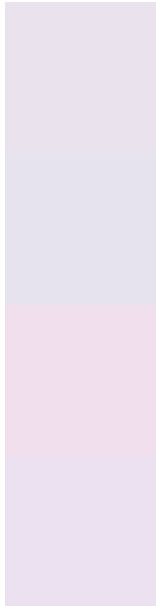
231.0000, 9.1680, 10.0640



Tritanopia

230.0420, 0.1820, 7.7180

Trichromacy



Original Color

229.6460, 1.2370, 5.1170

Protanomaly

229.4500, -1.1470, 4.2690

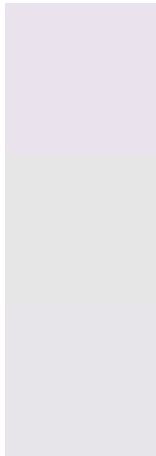
Deuteranomaly

230.3910, 6.5090, 8.6930

Tritanomaly

229.8140, 0.8240, 7.0960

Monochromacy



Original Color

229.6460, 1.2370, 5.1170

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.6460, 1.2370, 5.1170 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(234, 226, 237)` looks like.

```
.text, #text, p{  
    color:rgb(234, 226, 237)  
}
```

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(234, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 226, 237) }
```

Border

The CSS property to change the border of an element to YIQ 229.6460, 1.2370, 5.1170 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(234, 226, 237) }
```


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

```
.border{ border-color:rgb(234, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 226,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 229.6460, 1.2370, 5.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 226, 237) }
```

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

```
.background{ background-color: rgb(234,  
226, 237) }
```

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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