

Converting Colors

YIQ(225.7600, 0.9160, 5.4280)

Have a look what the booklet for
YIQ(225.7600, 0.9160, 5.4280)
contains.

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Color

**YIQ(225.7600, 0.9160,
5.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DEEA
RGB	230, 222, 234
RGB Percent	90%, 87%, 92%
CMY	0.0980, 0.1294, 0.0824
CMYK	0.02, 0.05, 0.00, 0.08
HSL	280°, 22%, 89%
HSV	280°, 5%, 92%
XYZ	73.6068, 75.0053, 88.4388
YIQ	225.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

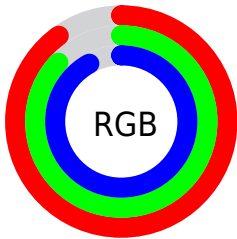
Format	Color
R_{YB}	230, 222, 234
Decimal	15130346
CIE _{Lab}	89.40, 4.87, -4.89
CIE _{LCh}	89, 6.899, 314.877
Yxy	75.0053, 0.3105, 0.3164
Android (android.graphics.Color)	4293320426 (0xFFE6DEEA)
YUV	225.7600, 4.0623, 3.7185
Hunter-Lab	86.6056, 0.1487, 0.0789

Details

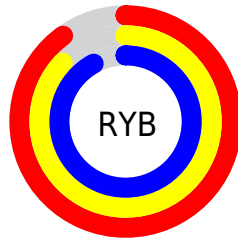
The YIQ color $225.7600, 0.9160, 5.4280$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.2400, -0.9160, -5.4280$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.6460, 1.2370, 5.1170$ is the 20% darker color. If you saturate the color by 10%, you get $209.8670, 2.4730, 15.7610$, and if you desaturate by 10%, it is $241.6530, -0.6410, -4.9050$.

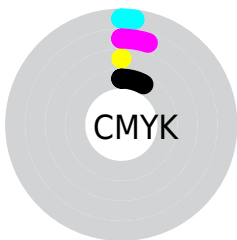
Distribution



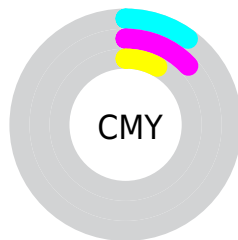
- Red (90%)
- Green (87%)
- Blue (92%)



- Red (90%)
- Yellow (87%)
- Blue (92%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (10%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.7600, 0.9160, 5.4280 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 225.7600, 0.9160, 5.4280 by changing the saturation by 10% instead.

■ 225.7600, 0.9160,
5.4280

■ 225.7600, 0.9160,
5.4280

255.0000, -0.0000,
-0.0000

■ 197.7600, 0.9160,
5.4280

■ 170.6460, 1.2370,
5.1170

■ 144.3470, 0.6410,
4.9050

■ 118.3470, 0.6410,
4.9050

■ 93.9340, 0.3660,
4.3820

■ 70.2330, 0.9620,
4.5940

■ 47.8200, 0.6870,

4.0710

■ 26.8200, 0.6870,
4.0710

■ 1.3250, -2.2930,
3.0110

■ 225.7600, 0.9160,
5.4280

■ 225.7600, 0.9160,
5.4280

■ 209.8670, 2.4730,
15.7610

■ 241.6530, -0.6410,
-4.9050

■ 193.3870, 4.3050,
26.6170

■ 249.9150, 1.3770,
-8.4390

■ 177.7930, 6.4580,
37.1620

■ 252.0080, 5.5490,
-6.9550

■ 161.3130, 8.2900,
48.0180

■ 252.6060, 6.7410,
-6.5310

■ 145.4200, 9.8470,
58.3510

■ 129.5270, 11.4040,
68.6840

■ 113.3460, 13.8320,
79.7520

■ 97.4530, 15.3890,
90.0850

■ 80.9730, 17.2210,
100.9410

Harmonies

Analogous

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



224.8840, -5.3650, 3.6190



225.7600, 0.9160, 5.4280



226.2830, 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.



225.7600, 0.9160, 5.4280



225.0350, 10.0870, -1.0890



222.9060, -11.5990, -4.5510

Complementary

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



225.7600, 0.9160, 5.4280



230.2400, -0.9160, -5.4280

Split Complementary

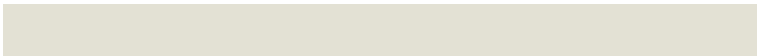
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.7170, -6.6930, -5.3570



225.7600, 0.9160, 5.4280



224.1160, 5.3650, -3.6190

Square

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



225.7600, 0.9160, 5.4280



225.5130, 11.7370, 2.0490



223.2400, -0.9160, -5.4280



223.3020, -12.6540, -1.9500

Rectangle

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



225.7600, 0.9160, 5.4280



226.1370, 10.0400, 5.2720



223.2400, -0.9160, -5.4280



222.8630, -10.0400, -5.2720

Sweetspot

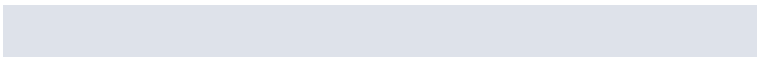
The Sweet Spot groups the original color and five complimentary colors.



225.7600, 0.9160, 5.4280



251.4670, 0.1830, 2.1910



225.7160, -4.9520, 1.6400



125.9400, 0.2290, 1.3570



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.



225.7600, 0.9160, 5.4280



244.7000, 1.1450, 6.7850



226.7280, 3.9420, 5.6540



111.7060, 1.0080, 3.7600



56.8130, 14.0150, 81.9430



16.9200, 4.1220, 24.4260

Inverse Universe

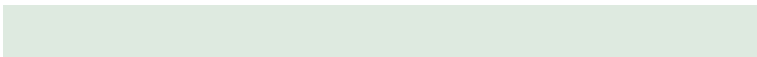
The Inverse Universe completely reimagines the original color for something new.



226.0440, 5.8680, 3.7880



245.0550, 7.3350, 4.7350



229.2720, -3.9420, -5.6540



111.7340, 3.8050, 2.6290



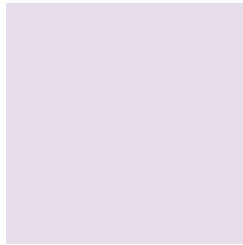
60.9590, 88.6160, 57.0320



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 225.7600, 0.9160, 5.4280 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 225.7600, 0.9160, 5.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

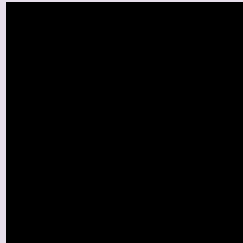
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

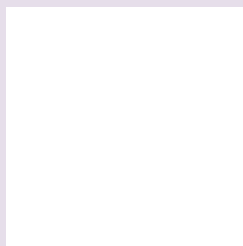
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.7600, 0.9160, 5.4280

Background



This preview shows how black text looks on a background with the YIQ color 225.7600, 0.9160, 5.4280.



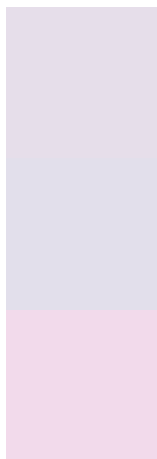
This preview shows how white text looks on a background with the YIQ color 225.7600, 0.9160,

5.4280.

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

225.7600, 0.9160, 5.4280

Protanopia

225.2650, -2.0640, 4.3680

Deuteranopia

227.1140, 8.8470, 10.3750



Tritanopia

226.0420, 0.1820, 7.7180

Trichromacy



Original Color

225.7600, 0.9160, 5.4280

Protanomaly

225.5640, -1.4680, 4.5800

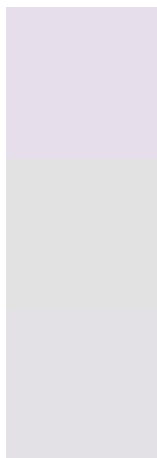
Deuteranomaly

226.5050, 6.1880, 9.0040

Tritanomaly

225.8140, 0.8240, 7.0960

Monochromacy



Original Color

225.7600, 0.9160, 5.4280

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.7600, 0.9160, 5.4280 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(230, 222, 234)` looks like.

```
.text, #text, p{  
    color:rgb(230, 222, 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(230, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 222, 234) }
```

Border

The CSS property to change the border of an element to YIQ 225.7600, 0.9160, 5.4280 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(230, 222, 234) }
```


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

```
.border{ border-color:rgb(230, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(230, 222,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 225.7600, 0.9160, 5.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 222, 234) }
```

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

```
.background{ background-color: rgb(230,  
222, 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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