

Converting Colors

YIQ(225.6030, 2.7960, 4.3960)

Have a look what the booklet for
YIQ(225.6030, 2.7960, 4.3960)
contains.

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Color

**YIQ(225.6030, 2.7960,
4.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DEE6
RGB	231, 222, 230
RGB Percent	91%, 87%, 90%
CMY	0.0941, 0.1294, 0.0980
CMYK	0.00, 0.04, 0.00, 0.09
HSL	307°, 16%, 89%
HSV	307°, 4%, 91%
XYZ	73.3605, 74.9438, 85.4629
YIQ	225.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

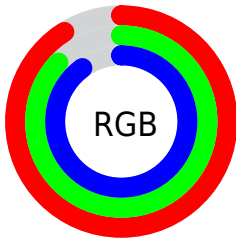
Format	Color
R _Y B	231, 222, 230
Decimal	15195878
CIE Lab	89.37, 4.48, -2.82
CIE LCh	89, 5.294, 327.793
Yxy	74.9438, 0.3138, 0.3206
Android (android.graphics.Color)	4293385958 (0xFFE7DEE6)
YUV	225.6030, 2.1677, 4.7332
Hunter-Lab	86.5701, -0.2347, 2.0674

Details

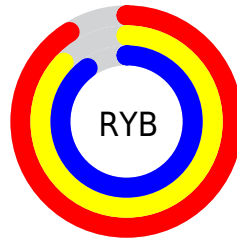
The YIQ color $225.6030, 2.7960, 4.3960$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $227.3970, -2.7960, -4.3960$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.3040, 2.2000, 4.1840$ is the 20% darker color. If you saturate the color by 10%, you get $211.7600, 10.0840, 15.4920$, and if you desaturate by 10%, it is $239.4460, -4.4920, -6.7000$.

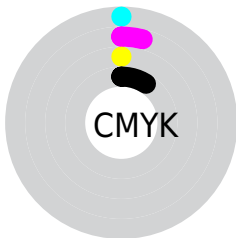
Distribution



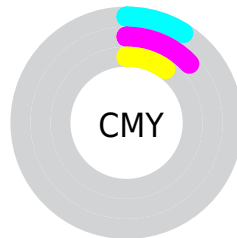
- Red (91%)
- Green (87%)
- Blue (90%)



- Red (91%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.6030, 2.7960, 4.3960 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 225.6030, 2.7960, 4.3960 by changing the saturation by 10% instead.

■ 225.6030, 2.7960,
4.3960

■ 225.6030, 2.7960,
4.3960

255.0000, -0.0000,
-0.0000

■ 197.6030, 2.7960,
4.3960

■ 170.3040, 2.2000,
4.1840

■ 144.1900, 2.5210,
3.8730

■ 118.1900, 2.5210,
3.8730

■ 93.7770, 2.2460,
3.3500

■ 69.8910, 1.9250,
3.6610

■ 47.7770, 2.2460,

3.3500

■ 26.7770, 2.2460,
3.3500

■ 1.3530, 0.5040,
1.8800

■ 225.6030, 2.7960,
4.3960

■ 225.6030, 2.7960,
4.3960

■ 211.7600, 10.0840,
15.4920

■ 239.4460, -4.4920,
-6.7000

■ 198.0310, 17.0510,
26.8990

■ 245.5440, -7.8840,
-11.3080

■ 184.1880, 24.3390,
37.9950

■ 245.8860, -8.8470,
-10.3750

■ 170.4590, 31.3060,
49.4020

■ 246.1140, -9.4890,
-9.7530

156.0290, 38.8690,
61.0210

246.4560,
-10.4520, -8.8200

142.3000, 45.8360,
72.4280

246.6840,
-11.0940, -8.1980

128.4570, 53.1240,
83.5240

247.0260,
-12.0570, -7.2650

114.6140, 60.4120,
94.6200

247.3680,
-13.0200, -6.3320

100.8850, 67.3790,
106.0270

247.5960,
-13.6620, -5.7100

Harmonies

Analogous

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



224.7380, -2.0180, 3.5340



225.6030, 2.7960, 4.3960



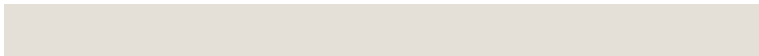
225.6420, 7.0600, 4.2120

Triad

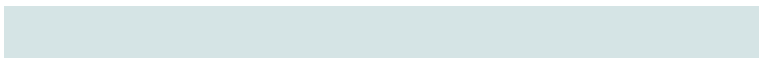
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.6030, 2.7960, 4.3960



224.4690, 5.8690, -1.7390



223.6290, -9.2610, -2.8690

Complementary

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



225.6030, 2.7960, 4.3960



227.3970, -2.7960, -4.3960

Split Complementary

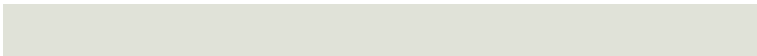
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3580, -7.0600, -4.2120



225.6030, 2.7960, 4.3960



224.2620, 2.0180, -3.5340

Square

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



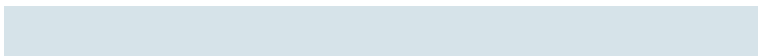
225.6030, 2.7960, 4.3960



224.9040, 9.0780, 0.6780



223.3970, -2.7960, -4.3960



223.7970, -9.6740, -0.8900

Rectangle

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



225.6030, 2.7960, 4.3960



225.5990, 8.6190, 3.4910



223.3970, -2.7960, -4.3960



223.4010, -8.6190, -3.4910

Sweetspot

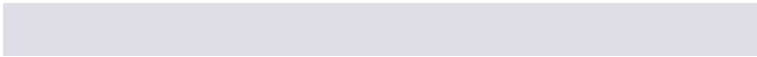
The Sweet Spot groups the original color and five complimentary colors.



225.6030, 2.7960, 4.3960



253.2390, 0.8250, 1.5690



223.3250, -2.2930, 3.0110



126.7120, 0.8710, 0.7350



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.



225.6030, 2.7960, 4.3960



247.2550, 3.8960, 6.4880



225.1470, 4.0800, 3.1520



110.7770, 2.2460, 3.3500



71.6470, 55.6450, 87.3970



20.3790, 15.9510, 24.8070

Inverse Universe

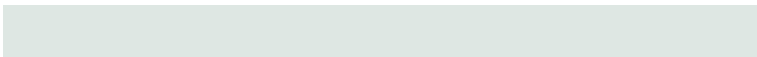
The Inverse Universe completely reimagines the original color for something new.



225.6030, 2.7960, 4.3960



247.2550, 3.8960, 6.4880



227.8530, -4.0800, -3.1520



110.7770, 2.2460, 3.3500



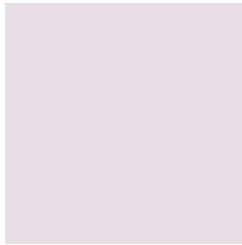
71.6470, 55.6450, 87.3970



20.3790, 15.9510, 24.8070

Previews

White Background



This preview shows how the YIQ color 225.6030, 2.7960, 4.3960 looks on a white background.

Color Contrast Check

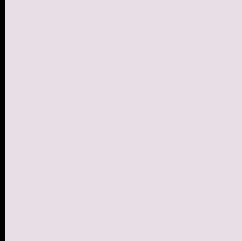
Large Text (above 18pt) WCAG AA × Fail

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 225.6030, 2.7960, 4.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

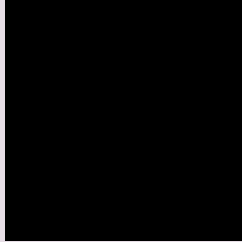
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

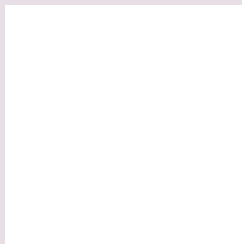
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.6030, 2.7960, 4.3960

Background



This preview shows how black text looks on a background with the YIQ color 225.6030, 2.7960, 4.3960.



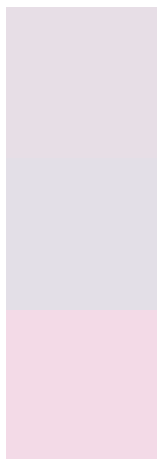
This preview shows how white text looks on a background with the YIQ color 225.6030, 2.7960,

4.3960.

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

225.6030, 2.7960, 4.3960

Protanopia

225.1080, -0.1840, 3.3360

Deuteranopia

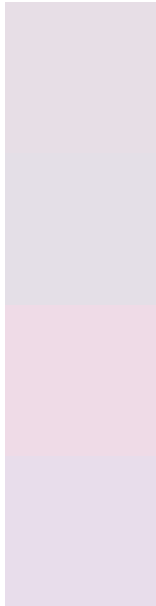
226.9570, 10.7270, 9.3430



Tritanopia

226.2270, 1.0990, 7.6190

Trichromacy



Original Color

225.6030, 2.7960, 4.3960

Protanomaly

225.4070, 0.4120, 3.5480

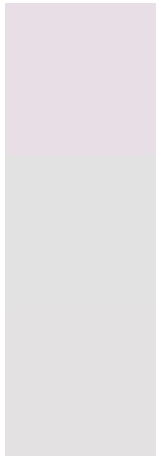
Deuteranomaly

226.3480, 8.0680, 7.9720

Tritanomaly

225.8850, 2.0620, 6.6860

Monochromacy



Original Color

225.6030, 2.7960, 4.3960

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.6030, 2.7960, 4.3960 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(231, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(231, 222, 230)  
}
```

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(231, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 222, 230) }
```

Border

The CSS property to change the border of an element to YIQ 225.6030, 2.7960, 4.3960 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(231, 222, 230) }
```


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

```
.border{ border-color:rgb(231, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(231, 222,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 225.6030, 2.7960, 4.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 222, 230) }
```

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

```
.background{ background-color: rgb(231,  
222, 230) }
```

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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