

Converting Colors

YIQ(229.9660, -2.6600, 4.1560)

Have a look what the booklet for
YIQ(229.9660, -2.6600, 4.1560)
contains.

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Color

**YIQ(229.9660, -2.6600,
4.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E4F0
RGB	230, 228, 240
RGB Percent	90%, 89%, 94%
CMY	0.0980, 0.1059, 0.0588
CMYK	0.04, 0.05, 0.00, 0.06
HSL	250°, 29%, 92%
HSV	250°, 5%, 94%
XYZ	76.1047, 78.6008, 93.5945
YIQ	229.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

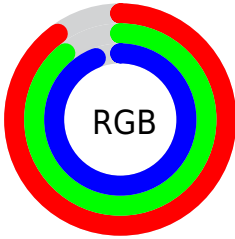
Format	Color
R _Y B	230, 228, 240
Decimal	15131888
CIE Lab	91.05, 2.86, -5.59
CIE LCh	91, 6.277, 297.089
Yxy	78.6008, 0.3065, 0.3166
Android (android.graphics.Color)	4293321968 (0xFFE6E4F0)
YUV	229.9660, 4.9468, 0.0298
Hunter-Lab	88.6571, -1.9226, -0.5319

Details

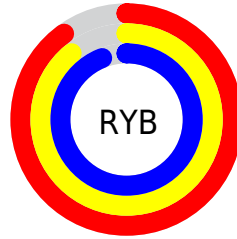
The YIQ color $229.9660, -2.6600, 4.1560$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.0340, 2.6600, -4.1560$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.8520, -2.3390, 3.8450$ is the 20% darker color. If you saturate the color by 10%, you get $209.8980, -7.9800, 12.4680$, and if you desaturate by 10%, it is $250.0340, 2.6600, -4.1560$.

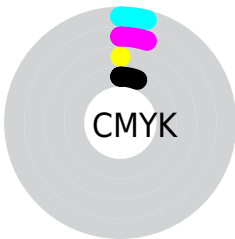
Distribution



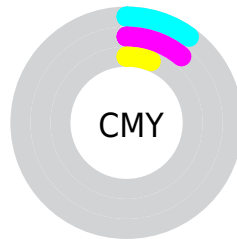
- Red (90%)
- Green (89%)
- Blue (94%)



- Red (90%)
- Yellow (89%)
- Blue (94%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (10%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.9660, -2.6600, 4.1560 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 229.9660, -2.6600, 4.1560 by changing the saturation by 10% instead.

■ 229.9660, -2.6600,
4.1560

■ 229.9660, -2.6600,
4.1560

255.0000, -0.0000,
-0.0000

■ 201.9660, -2.6600,
4.1560

■ 174.8520, -2.3390,
3.8450

■ 147.8520, -2.3390,
3.8450

■ 121.8520, -2.3390,
3.8450

■ 97.4390, -2.6140,
3.3220

■ 73.4390, -2.6140,
3.3220

■ 51.3250, -2.2930,

3.0110

■ 30.2110, -1.9720,
2.7000

■ 4.4930, -2.7060,
4.9900

■ 229.9660, -2.6600,
4.1560

■ 229.9660, -2.6600,
4.1560

■ 209.8980, -7.9800,
12.4680

■ 250.0340, 2.6600,
-4.1560

■ 189.8300,
-13.3000, 20.7800

■ 253.2900, 4.8150,
-4.6650

■ 169.7620,
-18.6200, 29.0920

■ 149.6940,
-23.9400, 37.4040

■ 129.6260,
-29.2600, 45.7160

■ 109.5580,
-34.5800, 54.0280

■ 89.4900, -39.9000,
62.3400

■ 69.4220, -45.2200,
70.6520

■ 49.3540, -50.5400,
78.9640

Harmonies

Analogous

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



229.1610, -7.7030, 1.9370



229.9660, -2.6600, 4.1560



230.4290, 3.3460, 5.4420

Triad

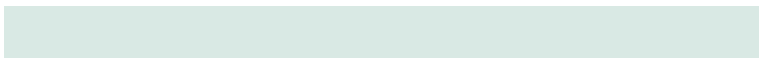
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.9660, -2.6600, 4.1560



230.2740, 10.9120, 0.4800



227.6460, -7.9310, -4.9470

Complementary

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



229.9660, -2.6600, 4.1560



238.0340, 2.6600, -4.1560

Split Complementary

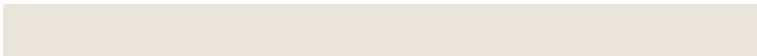
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.9840, -3.0710, -4.9190



229.9660, -2.6600, 4.1560



229.4260, 7.4280, -2.4600

Square

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



229.9660, -2.6600, 4.1560



230.8550, 10.7740, 2.9820



228.7350, 2.0640, -4.3680



227.8460, -11.3700, -3.1940

Rectangle

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



229.9660, -2.6600, 4.1560



230.8700, 6.4180, 4.8340



228.7350, 2.0640, -4.3680



227.7170, -6.6930, -5.3570

Sweetspot

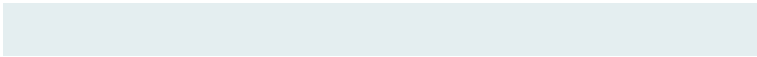
The Sweet Spot groups the original color and five complimentary colors.



229.9660, -2.6600, 4.1560



252.6410, -0.3670, 1.1450



235.2380, -6.6020, -1.4980



126.2280, -0.6420, 0.6220



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.



229.9660, -2.6600, 4.1560



242.3080, -3.6230, 5.0890



231.7600, 0.9160, 5.4280



112.6240, -1.6970, 3.2230



30.2450, -40.5880, 63.7960



9.0750, -12.6120, 19.3240

Inverse Universe

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



232.7280, 3.9420, 5.6540



245.8530, 5.0880, 6.9120



236.2400, -0.9160, -5.4280



114.4890, 3.1170, 4.0850



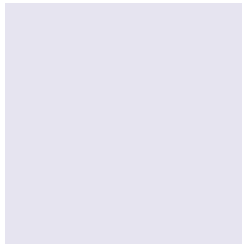
72.4580, 60.5510, 86.5910



22.1020, 18.2890, 26.4890

Previews

White Background



This preview shows how the YIQ color 229.9660, -2.6600, 4.1560 looks on a white background.

Color Contrast Check

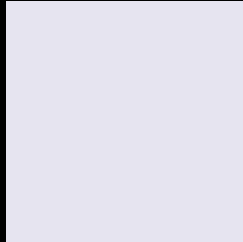
Large Text (above 18pt) WCAG AA × Fail

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 229.9660, -2.6600, 4.1560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

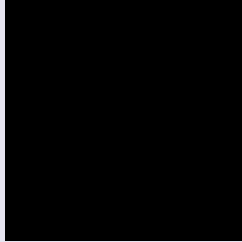
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

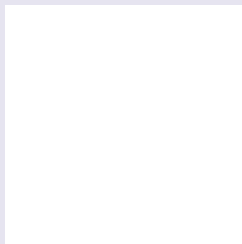
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.9660, -2.6600, 4.1560

Background



This preview shows how black text looks on a background with the YIQ color 229.9660, -2.6600, 4.1560.



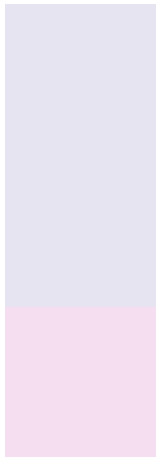
This preview shows how white text looks on a background with the YIQ color 229.9660, -2.6600,

4.1560.

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

229.9660, -2.6600, 4.1560

Protanopia

229.9660, -2.6600, 4.1560

Deuteranopia

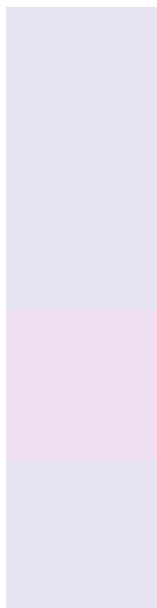
231.3420, 8.2050, 10.9970



Tritanopia

230.2480, -3.3940, 6.4460

Trichromacy



Original Color

229.9660, -2.6600, 4.1560

Protanomaly

229.9660, -2.6600, 4.1560

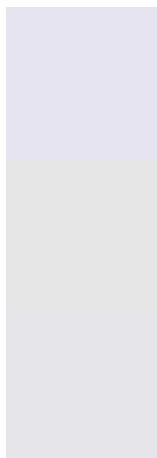
Deuteranomaly

230.7220, 4.0790, 8.6790

Tritanomaly

230.0200, -2.7520, 5.8240

Monochromacy



Original Color

229.9660, -2.6600, 4.1560

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.9660, -2.6600, 4.1560 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, 228, 240)` looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 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(230, 228, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 240) }
```

Border

The CSS property to change the border of an element to YIQ 229.9660, -2.6600, 4.1560 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, 228, 240) }
```


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

```
.border{ border-color:rgb(230, 228, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 228, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 240);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 229.9660, -2.6600, 4.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 240) }
```

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

```
.background{ background-color: rgb(230,  
228, 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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