

Converting Colors

YIQ(229.1620, -0.2760, 5.0040)

Have a look what the booklet for
YIQ(229.1620, -0.2760, 5.0040)
contains.

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Color

**YIQ(229.1620, -0.2760,
5.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2EE
RGB	232, 226, 238
RGB Percent	91%, 89%, 93%
CMY	0.0902, 0.1137, 0.0667
CMYK	0.03, 0.05, 0.00, 0.07
HSL	270°, 26%, 91%
HSV	270°, 5%, 93%
XYZ	75.9084, 77.7210, 91.8877
YIQ	229.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

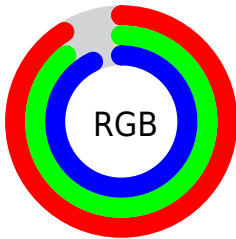
Format	Color
R_{YB}	232, 226, 238
Decimal	15262446
CIE _{Lab}	90.65, 4.19, -5.12
CIE _{LCh}	91, 6.612, 309.294
Yxy	77.7210, 0.3092, 0.3166
Android (android.graphics.Color)	4293452526 (0xFFE8E2EE)
YUV	229.1620, 4.3571, 2.4889
Hunter-Lab	88.1595, -0.5844, -0.0857

Details

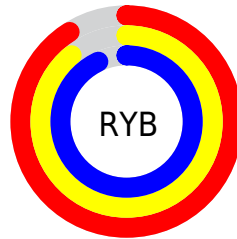
The YIQ color $229.1620, -0.2760, 5.0040$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $234.8380, 0.2760, -5.0040$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.7490, -0.5510, 4.4810$ is the 20% darker color. If you saturate the color by 10%, you get $211.4860, -0.8280, 15.0120$, and if you desaturate by 10%, it is $246.8380, 0.2760, -5.0040$.

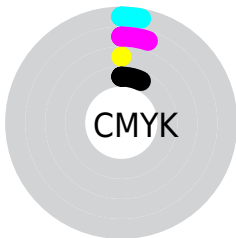
Distribution



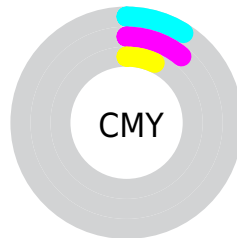
- Red (91%)
- Green (89%)
- Blue (93%)



- Red (91%)
- Yellow (89%)
- Blue (93%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1620, -0.2760, 5.0040 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 229.1620, -0.2760, 5.0040 by changing the saturation by 10% instead.

■ 229.1620, -0.2760,
5.0040

■ 229.1620, -0.2760,
5.0040

255.0000, -0.0000,
-0.0000

■ 201.1620, -0.2760,
5.0040

■ 173.7490, -0.5510,
4.4810

■ 147.0480, 0.0450,
4.6930

■ 121.6350, -0.2300,
4.1700

■ 96.6350, -0.2300,
4.1700

■ 72.6350, -0.2300,
4.1700

■ 50.5210, 0.0910,

3.8590

■ 29.2220, -0.5050,
3.6470

■ 3.6890, -0.3220,
5.8380

■ 229.1620, -0.2760,
5.0040

■ 229.1620, -0.2760,
5.0040

■ 211.4860, -0.8280,
15.0120

■ 246.8380, 0.2760,
-5.0040

■ 193.8100, -1.3800,
25.0200

■ 253.0620, 5.4570,
-5.2870

■ 176.7210, -2.2070,
34.5050

■ 159.0450, -2.7590,
44.5130

■ 141.6680, -2.7150,
54.7330

■ 123.9920, -3.2670,
64.7410

■ 106.3160, -3.8190,
74.7490

■ 89.2270, -4.6460,
84.2340

■ 71.5510, -5.1980,
94.2420

Harmonies

Analogous

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



228.2860, -6.5570, 3.1950



229.1620, -0.2760, 5.0040



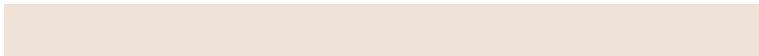
229.7990, 5.1800, 5.2440

Triad

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



229.1620, -0.2760, 5.0040



228.5620, 10.0410, -0.2550



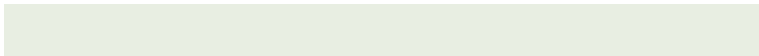
226.3900, -10.0860, -4.4380

Complementary

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



229.1620, -0.2760, 5.0040



234.8380, 0.2760, -5.0040

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.



226.9020, -5.7760, -5.4560



229.1620, -0.2760, 5.0040



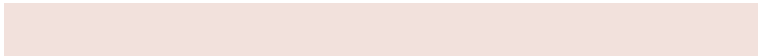
227.8280, 6.2360, -2.8840

Square

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



229.1620, -0.2760, 5.0040



229.5130, 11.7370, 2.0490



226.8380, 0.2760, -5.0040



226.7750, -12.6080, -2.7840

Rectangle

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



229.1620, -0.2760, 5.0040



229.6530, 8.5270, 5.1590



226.8380, 0.2760, -5.0040



226.1620, -9.4440, -5.0600

Sweetspot

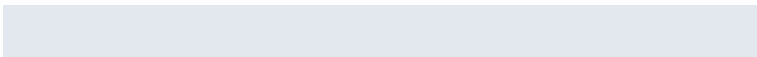
The Sweet Spot groups the original color and five complimentary colors.



229.1620, -0.2760, 5.0040



251.1680, -0.4130, 1.9790



230.8900, -5.5020, 0.5940



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.



229.1620, -0.2760, 5.0040



243.8030, -0.6430, 6.1490



230.9560, 3.3000, 6.2760



113.5210, 0.0910, 3.8590



48.4840, -4.2320, 76.7280



14.7560, -1.2880, 23.3520

Inverse Universe

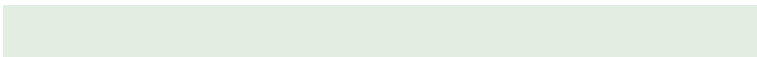
The Inverse Universe completely reimagines the original color for something new.



230.2720, 5.2260, 4.4100



245.2830, 6.6930, 5.3570



233.0440, -3.3000, -6.2760



114.2610, 3.7590, 3.4630



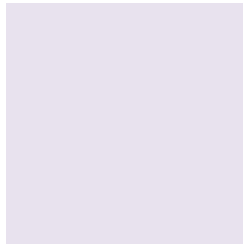
65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 229.1620, -0.2760, 5.0040 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 229.1620, -0.2760, 5.0040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

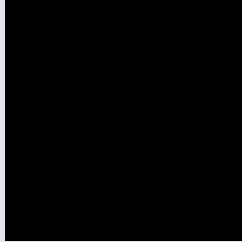
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

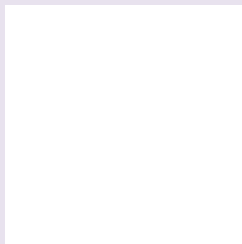
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.1620, -0.2760, 5.0040

Background



This preview shows how black text looks on a background with the YIQ color 229.1620, -0.2760, 5.0040.



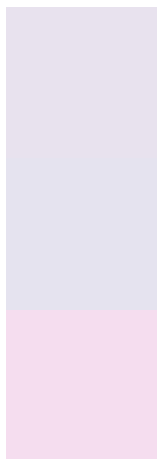
This preview shows how white text looks on a background with the YIQ color 229.1620, -0.2760,

5.0040.

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

229.1620, -0.2760, 5.0040

Protanopia

228.9660, -2.6600, 4.1560

Deuteranopia

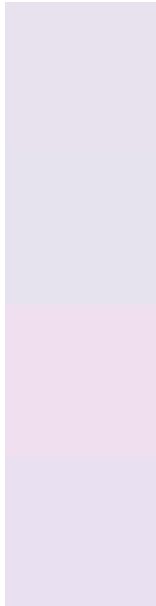
230.2280, 8.5260, 10.6860



Tritanopia

229.4440, -1.0100, 7.2940

Trichromacy



Original Color

229.1620, -0.2760, 5.0040

Protanomaly

229.2650, -2.0640, 4.3680

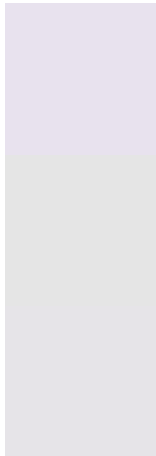
Deuteranomaly

229.9070, 4.9960, 8.5800

Tritanomaly

229.2160, -0.3680, 6.6720

Monochromacy



Original Color

229.1620, -0.2760, 5.0040

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1620, -0.2760, 5.0040 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(232, 226, 238)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 238)  
}
```

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(232, 226, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 238) }
```

Border

The CSS property to change the border of an element to YIQ 229.1620, -0.2760, 5.0040 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(232, 226, 238) }
```


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

```
.border{ border-color:rgb(232, 226, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 238);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1620, -0.2760, 5.0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 238) }
```

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

```
.background{ background-color: rgb(232,  
226, 238) }
```

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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