

Converting Colors

YIQ(229.7990, 5.1800, 5.2440)

Have a look what the booklet for
YIQ(229.7990, 5.1800, 5.2440)
contains.

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Color

**YIQ(229.7990, 5.1800,
5.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE1E9
RGB	238, 225, 233
RGB Percent	93%, 88%, 91%
CMY	0.0666, 0.1176, 0.0863
CMYK	0.00, 0.05, 0.02, 0.07
HSL	323°, 28%, 91%
HSV	323°, 5%, 93%
XYZ	76.8952, 77.9096, 88.0788
YIQ	229.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

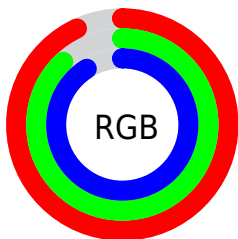
Format	Color
R_{YB}	238, 225, 233
Decimal	15655401
CIE Lab	90.74, 5.82, -2.32
CIE LCh	91, 6.263, 338.259
Yxy	77.9096, 0.3166, 0.3208
Android (android.graphics.Color)	4293845481 (0xFFEEE1E9)
YUV	229.7990, 1.5781, 7.1923
Hunter-Lab	88.2664, 1.0379, 2.6225

Details

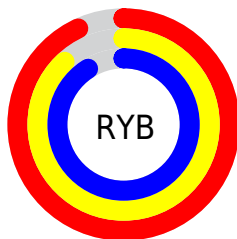
The YIQ color $229.7990, 5.1800, 5.2440$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $233.2010, -5.1800, -5.2440$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.3860, 4.9050, 4.7210$ is the 20% darker color. If you saturate the color by 10%, you get $214.6850, 14.6690, 14.9970$, and if you desaturate by 10%, it is $244.9130, -4.3090, -4.5090$.

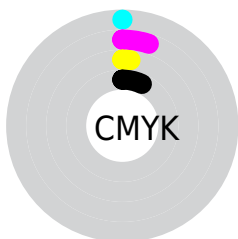
Distribution



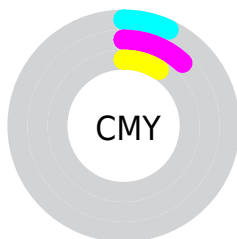
- Red (93%)
- Green (88%)
- Blue (91%)



- Red (93%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.7990, 5.1800, 5.2440 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 229.7990, 5.1800, 5.2440 by changing the saturation by 10% instead.

229.7990, 5.1800,
5.2440

229.7990, 5.1800,
5.2440

255.0000, -0.0000,
-0.0000

201.7990, 5.1800,
5.2440

174.3860, 4.9050,
4.7210

147.5000, 4.5840,
5.0320

122.0870, 4.3090,
4.5090

97.0870, 4.3090,
4.5090

73.0870, 4.3090,
4.5090

50.6740, 4.0340,

3.9860

■ 29.3750, 3.4380,
3.7740

■ 5.5110, 6.0510,
5.9790

■ 229.7990, 5.1800,
5.2440

■ 229.7990, 5.1800,
5.2440

■ 214.6850, 14.6690,
14.9970

■ 244.9130, -4.3090,
-4.5090

■ 199.5710, 24.1580,
24.7500

■ 249.4610, -8.8480,
-4.8480

■ 185.0440, 33.3720,
33.9800

■ 249.9170,
-10.1320, -3.6040

■ 169.8160, 43.1820,
43.4220

■ 154.7020, 52.6710,
53.1750

■ 139.5880, 62.1600,
62.9280

■ 124.4740, 71.6490,
72.6810

■ 109.9470, 80.8630,
81.9110

■ 94.8330, 90.3520,
91.6640

Harmonies

Analogous

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



229.1620, -0.2760, 5.0040



229.7990, 5.1800, 5.2440



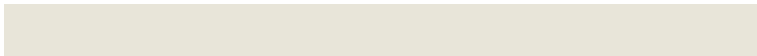
230.0120, 8.8940, 4.0140

Triad

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



229.7990, 5.1800, 5.2440



228.5290, 5.6400, -3.0960



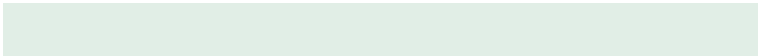
227.0740, -12.0120, -2.5720

Complementary

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



229.7990, 5.1800, 5.2440



233.2010, -5.1800, -5.2440

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.



226.6890, -9.4900, -4.2260



229.7990, 5.1800, 5.2440



227.2510, 0.5510, -4.4810

Square

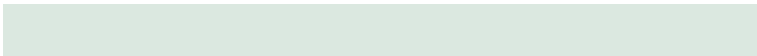
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229.7990, 5.1800, 5.2440



229.1490, 9.7660, -0.7780



227.2010, -5.1800, -5.2440



227.4380, -10.0410, 0.2550

Rectangle

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



229.7990, 5.1800, 5.2440



229.8550, 10.7740, 2.9820



227.2010, -5.1800, -5.2440



226.8460, -11.3700, -3.1940

Sweetspot

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



229.7990, 5.1800, 5.2440



251.8370, 2.0170, 1.9930



227.9770, -1.1930, 5.1030



126.1250, 1.1460, 1.2580



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.



229.7990, 5.1800, 5.2440



243.6360, 7.1970, 7.2370



229.1150, 7.1060, 3.3780



113.6740, 4.0340, 3.9860



67.8980, 73.3910, 74.1510



20.7340, 22.1410, 22.7570

Inverse Universe

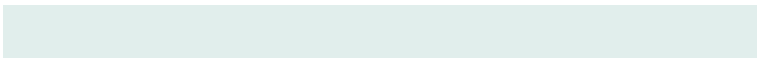
The Inverse Universe completely reimagines the original color for something new.



229.7990, 5.1800, 5.2440



243.6360, 7.1970, 7.2370



233.8850, -7.1060, -3.3780



113.6740, 4.0340, 3.9860



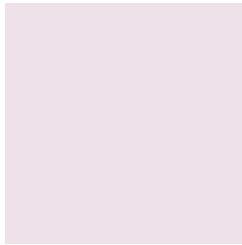
67.8980, 73.3910, 74.1510



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 229.7990, 5.1800, 5.2440 looks on a white background.

Color Contrast Check

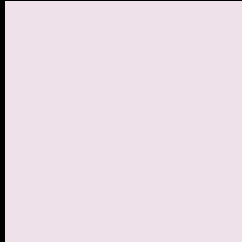
Large Text (above 18pt) WCAG AA × Fail

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 229.7990, 5.1800, 5.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

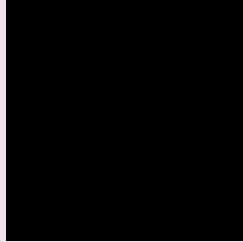
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

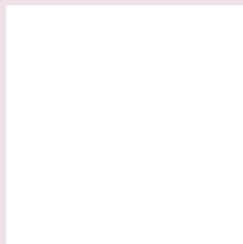
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.7990, 5.1800, 5.2440

Background



This preview shows how black text looks on a background with the YIQ color 229.7990, 5.1800, 5.2440.



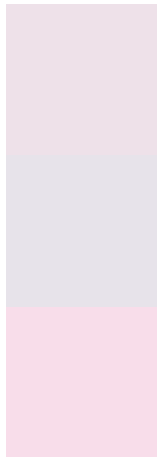
This preview shows how white text looks on a background with the YIQ color 229.7990, 5.1800,

5.2440.

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

229.7990, 5.1800, 5.2440

Protanopia

228.9940, 0.1370, 3.0250

Deuteranopia

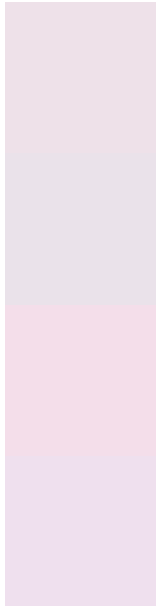
230.5550, 11.9190, 9.7670



Tritanopia

230.4230, 3.4830, 8.4670

Trichromacy



Original Color

229.7990, 5.1800, 5.2440

Protanomaly

229.3040, 2.2000, 4.1840

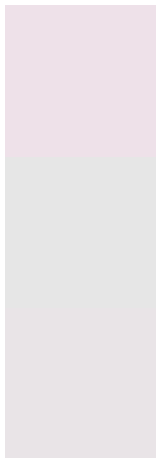
Deuteranomaly

229.9460, 9.2600, 8.3960

Tritanomaly

230.0810, 4.4460, 7.5340

Monochromacy



Original Color

229.7990, 5.1800, 5.2440

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.8370, 2.0170, 1.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.7990, 5.1800, 5.2440 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(238, 225, 233)` looks like.

```
.text, #text, p{  
    color:rgb(238, 225, 233)  
}
```

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(238, 225, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 225, 233) }
```

Border

The CSS property to change the border of an element to YIQ 229.7990, 5.1800, 5.2440 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(238, 225, 233) }
```


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

```
.border{ border-color:rgb(238, 225, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 225, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 225, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 225, 233);  
box-shadow:4px 4px 4px 4px rgb(238, 225,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 229.7990, 5.1800, 5.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 225, 233) }
```

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

```
.background{ background-color: rgb(238,  
225, 233) }
```

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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