

Converting Colors

YIQ(225.9670, 4.7670, 7.2230)

Have a look what the booklet for
YIQ(225.9670, 4.7670, 7.2230)
contains.

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Color

**YIQ(225.9670, 4.7670,
7.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDCE9
RGB	235, 220, 233
RGB Percent	92%, 86%, 91%
CMY	0.0784, 0.1373, 0.0863
CMYK	0.00, 0.06, 0.01, 0.08
HSL	308°, 27%, 89%
HSV	308°, 6%, 92%
XYZ	74.5645, 74.7305, 87.5869
YIQ	225.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

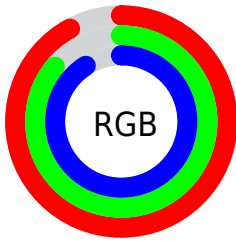
Format	Color
R _Y B	235, 220, 233
Decimal	15457513
CIE Lab	89.27, 7.41, -4.51
CIE LCh	89, 8.672, 328.661
Yxy	74.7305, 0.3148, 0.3155
Android (android.graphics.Color)	4293647593 (0xFFEBDCE9)
YUV	225.9670, 3.4673, 7.9219
Hunter-Lab	86.4468, 2.6829, 0.4408

Details

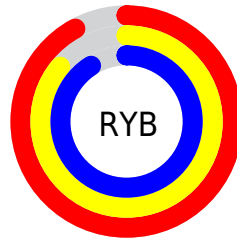
The YIQ color $225.9670, 4.7670, 7.2230$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $229.0330, -4.7670, -7.2230$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.5540, 4.4920, 6.7000$ is the 20% darker color. If you saturate the color by 10%, you get $211.5370, 12.3300, 18.8420$, and if you desaturate by 10%, it is $240.3970, -2.7960, -4.3960$.

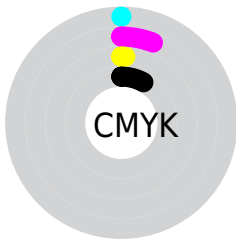
Distribution



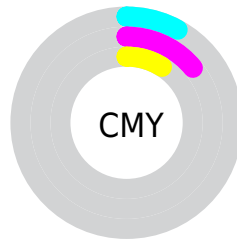
- Red (92%)
- Green (86%)
- Blue (91%)



- Red (92%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.9670, 4.7670, 7.2230 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 225.9670, 4.7670, 7.2230 by changing the saturation by 10% instead.

■ 225.9670, 4.7670,
7.2230

■ 225.9670, 4.7670,
7.2230

255.0000, -0.0000,
-0.0000

■ 197.9670, 4.7670,
7.2230

■ 170.5540, 4.4920,
6.7000

■ 144.2550, 3.8960,
6.4880

■ 118.5540, 4.4920,
6.7000

■ 93.8420, 3.6210,
5.9650

■ 69.8420, 3.6210,
5.9650

■ 47.7280, 3.9420,

5.6540

■ 27.0160, 3.0710,
4.9190

■ 3.0050, 1.6040,
3.9720

■ 225.9670, 4.7670,
7.2230

■ 225.9670, 4.7670,
7.2230

■ 211.5370, 12.3300,
18.8420

■ 240.3970, -2.7960,
-4.3960

■ 197.6940, 19.6180,
29.9380

■ 247.1960, -6.7840,
-9.2160

■ 183.2640, 27.1810,
41.5570

■ 247.5380, -7.7470,
-8.2830

■ 169.3070, 34.7900,
52.3420

■ 247.9940, -9.0310,
-7.0390

154.8770, 42.3530,
63.9610

248.3360, -9.9940,
-6.1060

141.0340, 49.6410,
75.0570

248.6780,
-10.9570, -5.1730

126.6040, 57.2040,
86.6760

249.0200,
-11.9200, -4.2400

112.7610, 64.4920,
97.7720

98.3310, 72.0550,
109.3910

Harmonies

Analogous

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



225.1340, -3.0730, 6.1350



225.9670, 4.7670, 7.2230



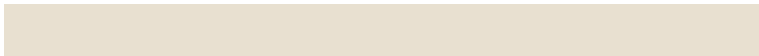
226.2620, 11.1860, 6.5300

Triad

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



225.9670, 4.7670, 7.2230



224.5680, 9.9040, -3.2800



221.8670, -15.8630, -4.3670

Complementary

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



225.9670, 4.7670, 7.2230



229.0330, -4.7670, -7.2230

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.



221.5530, -12.1030, -6.4310



225.9670, 4.7670, 7.2230



222.9800, 2.7520, -5.8240

Square

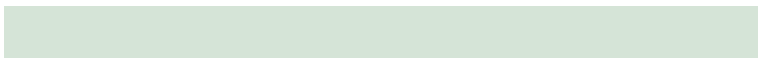
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.9670, 4.7670, 7.2230



225.1280, 14.2590, 0.3950



222.0330, -4.7670, -7.2230



223.1600, -15.1300, -1.1300

Rectangle

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



225.9670, 4.7670, 7.2230



226.1760, 14.3040, 5.0880



222.0330, -4.7670, -7.2230



221.5250, -14.9000, -5.3000

Sweetspot

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



225.9670, 4.7670, 7.2230



251.9510, 1.6960, 2.3040



222.3080, -3.6230, 5.0890



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.



225.9670, 4.7670, 7.2230



242.9180, 6.4630, 9.5270



225.1690, 7.0140, 5.0460



110.4290, 3.3460, 5.4420



72.0170, 57.4790, 87.1990



21.3900, 17.4180, 25.7540

Inverse Universe

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



225.9670, 4.7670, 7.2230



242.9180, 6.4630, 9.5270



229.9450, -7.3350, -4.7350



110.4290, 3.3460, 5.4420



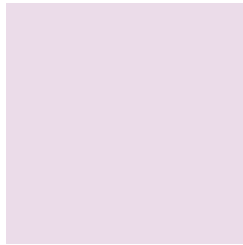
72.0170, 57.4790, 87.1990



21.3900, 17.4180, 25.7540

Previews

White Background



This preview shows how the YIQ color 225.9670, 4.7670, 7.2230 looks on a white background.

Color Contrast Check

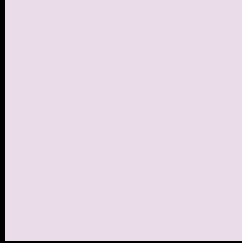
Large Text (above 18pt) WCAG AA × Fail

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 225.9670, 4.7670, 7.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

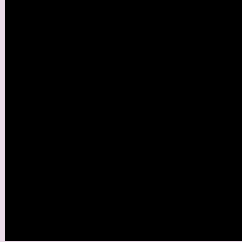
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

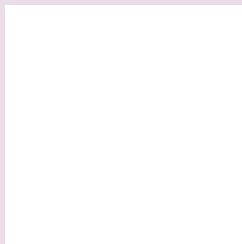
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.9670, 4.7670, 7.2230

Background



This preview shows how black text looks on a background with the YIQ color 225.9670, 4.7670, 7.2230.

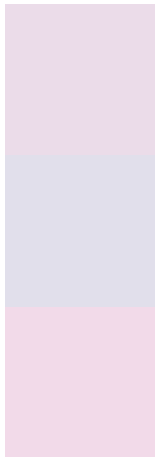


This preview shows how white text looks on a background with the YIQ color 225.9670, 4.7670,

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

225.9670, 4.7670, 7.2230

Protanopia

224.9660, -2.6600, 4.1560

Deuteranopia

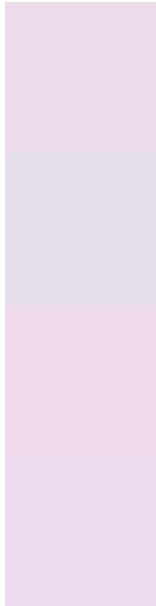
226.8860, 9.4890, 9.7530



Tritanopia

226.1350, 4.3540, 9.2020

Trichromacy



Original Color

225.9670, 4.7670, 7.2230

Protanomaly

225.4610, 0.3200, 5.2160

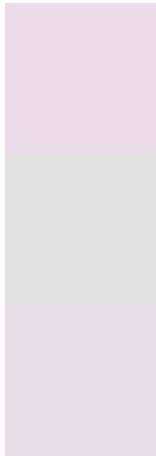
Deuteranomaly

226.5760, 7.4260, 8.5940

Tritanomaly

226.0210, 4.6750, 8.8910

Monochromacy



Original Color

225.9670, 4.7670, 7.2230

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.9670, 4.7670, 7.2230 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(235, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 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(235, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 233) }
```

Border

The CSS property to change the border of an element to YIQ 225.9670, 4.7670, 7.2230 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(235, 220, 233) }
```


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

```
.border{ border-color:rgb(235, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 225.9670, 4.7670, 7.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 233) }
```

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

```
.background{ background-color: rgb(235,  
220, 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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