

Converting Colors

YIQ(222.8070, 2.7020, 17.1180)

Have a look what the booklet for
YIQ(222.8070, 2.7020, 17.1180)
contains.

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Color

**YIQ(222.8070, 2.7020,
17.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD3F9
RGB	236, 211, 249
RGB Percent	93%, 83%, 98%
CMY	0.0744, 0.1726, 0.0235
CMYK	0.05, 0.15, 0.00, 0.02
HSL	280°, 76%, 90%
HSV	280°, 15%, 98%
XYZ	74.9889, 71.2591, 99.4207
YIQ	222.8070, 2.7020, 17.1180

Conversions

Conversions Part 2

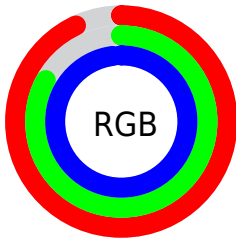
Format	Color
RYB	236, 211, 249
Decimal	15520761
CIELab	87.61, 15.42, -15.39
CIELCh	88, 21.785, 315.049
Yxy	71.2591, 0.3052, 0.2901
Android (android.graphics.Color)	4293710841 (0xFFECD3F9)
YUV	222.8070, 12.9131, 11.5703
Hunter-Lab	84.4151, 10.8414, -10.7388

Details

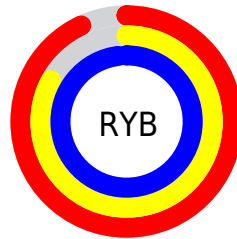
The YIQ color $222.8070, 2.7020, 17.1180$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $237.1930, -2.7020, -17.1180$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.3940, 2.4270, 16.5950$ is the 20% darker color. If you saturate the color by 10%, you get $205.7400, 4.8090, 28.4970$, and if you desaturate by 10%, it is $240.1730, 1.1910, 5.9510$.

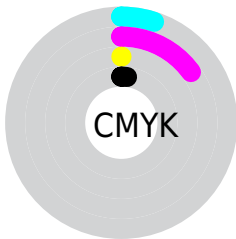
Distribution



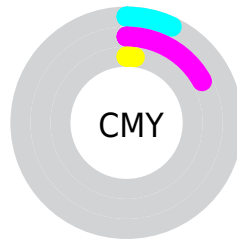
- Red (93%)
- Green (83%)
- Blue (98%)



- Red (93%)
- Yellow (83%)
- Blue (98%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.8070, 2.7020, 17.1180 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 222.8070, 2.7020, 17.1180 by changing the saturation by 10% instead.

222.8070, 2.7020,
17.1180

222.8070, 2.7020,
17.1180

255.0000, -0.0000,
-0.0000

194.6930, 3.0230,
16.8070

167.3940, 2.4270,
16.5950

140.8670, 2.4730,
15.7610

115.4540, 2.1980,
15.2380

90.9270, 2.2440,
14.4040

67.5140, 1.9690,
13.8810

44.6880, 1.4190,

12.8350

■ 23.2750, 1.1440,
12.3120

■ 2.6220, -7.3830,
7.1530

■ 222.8070, 2.7020,
17.1180

■ 222.8070, 2.7020,
17.1180

■ 205.7400, 4.8090,
28.4970

■ 240.1730, 1.1910,
5.9510

■ 188.3740, 6.3200,
39.6640

■ 253.7180, 0.7340,
-2.2900

■ 171.3070, 8.4270,
51.0430

■ 254.3160, 1.9260,
-1.8660

■ 153.9410, 9.9380,
62.2100

■ 136.8740, 12.0450,
73.5890

■ 120.0950, 13.2810,
84.2330

■ 103.0280, 15.3880,
95.6120

■ 85.6620, 16.8990,
106.7790

■ 77.4220, 17.8150,
112.2070

Harmonies

Analogous

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



219.8260, -16.6450, 9.8110



222.8070, 2.7020, 17.1180



223.5010, 21.1790, 18.1630

Triad

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



222.8070, 2.7020, 17.1180



220.2790, 29.7110, -4.3130



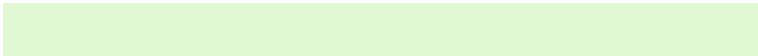
212.0380, -38.6940, -14.6140

Complementary

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



222.8070, 2.7020, 17.1180



237.1930, -2.7020, -17.1180

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.



212.8300, -23.6090, -18.1770



222.8070, 2.7020, 17.1180



218.1090, 15.2700, -12.4260

Square

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



222.8070, 2.7020, 17.1180



220.7020, 33.1940, 4.1540



215.0080, -3.6190, -17.0190



212.6280, -43.0510, -7.2350

Rectangle

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



222.8070, 2.7020, 17.1180



221.3180, 25.9480, 14.3320



215.0080, -3.6190, -17.0190



212.0230, -34.3380, -16.4660

Sweetspot

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



222.8070, 2.7020, 17.1180



246.1730, 1.1910, 5.9510



222.9630, -15.7730, 5.0190



122.4070, 0.4120, 3.5480



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.



222.8070, 2.7020, 17.1180



223.2140, 3.1140, 20.6660



226.0100, 12.3760, 18.0080



116.1730, 1.1910, 5.9510



58.6220, 13.2350, 85.0670



18.9140, 4.2590, 27.4510

Inverse Universe

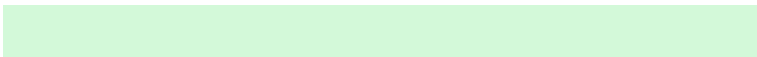
The Inverse Universe completely reimagines the original color for something new.



223.8440, 18.4750, 12.0990



224.5780, 22.2800, 14.7280



233.9900, -12.3760, -18.0080



116.4570, 6.1430, 4.3110



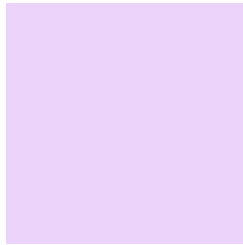
63.8070, 92.1000, 59.9720



20.6330, 29.6150, 19.4630

Previews

White Background



This preview shows how the YIQ color 222.8070, 2.7020, 17.1180 looks on a white background.

Color Contrast Check

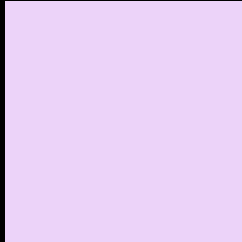
Large Text (above 18pt) WCAG AA × Fail

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 222.8070, 2.7020, 17.1180 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 222.8070, 2.7020, 17.1180

Background



This preview shows how black text looks on a background with the YIQ color 222.8070, 2.7020, 17.1180.



This preview shows how white text looks on a background with the YIQ color 222.8070, 2.7020,

17.1180.

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

222.8070, 2.7020, 17.1180

Protanopia

220.6090, -14.5360, 10.1360

Deuteranopia

222.0620, -2.5700, 13.5420



Tritanopia

221.6190, 5.8670, 9.3150

Trichromacy



Original Color

222.8070, 2.7020, 17.1180

Protanomaly

221.0120, -8.3010, 12.7790

Deuteranomaly

222.3720, -0.5070, 14.7010

Tritanomaly

222.1290, 4.4910, 12.2270

Monochromacy



Original Color

222.8070, 2.7020, 17.1180

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1730, 1.1910, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8070, 2.7020, 17.1180 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(236, 211, 249)` looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 249)  
}
```

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(236, 211, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 249) }
```

Border

The CSS property to change the border of an element to YIQ 222.8070, 2.7020, 17.1180 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(236, 211, 249) }
```


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

```
.border{ border-color:rgb(236, 211, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 249);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8070, 2.7020, 17.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 249) }
```

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

```
.background{ background-color: rgb(236,  
211, 249) }
```

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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