

Converting Colors

YIQ(222.7790, -0.0950, 18.2490)

Have a look what the booklet for
YIQ(222.7790, -0.0950, 18.2490)
contains.

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Color

**YIQ(222.7790, -0.0950,
18.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD3FE
RGB	234, 211, 254
RGB Percent	92%, 83%, 100%
CMY	0.0823, 0.1726, 0.0040
CMYK	0.08, 0.17, 0.00, 0.00
HSL	272°, 96%, 91%
HSV	272°, 17%, 100%
XYZ	75.1184, 71.2349, 103.5493
YIQ	222.7790, -0.0950, 18.2490

Conversions

Conversions Part 2

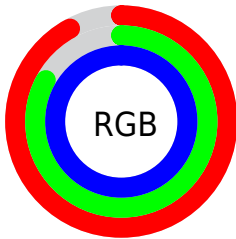
Format	Color
R_{YB}	234, 211, 254
Decimal	15389694
CIE _{Lab}	87.60, 15.73, -18.06
CIE _{LCh}	88, 23.952, 311.061
Yxy	71.2349, 0.3006, 0.2851
Android (android.graphics.Color)	4293579774 (0xFFEAD3FE)
YUV	222.7790, 15.3920, 9.8408
Hunter-Lab	84.4008, 11.1672, -13.6609

Details

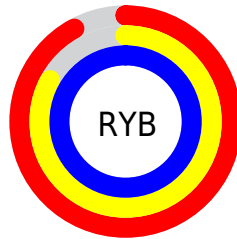
The YIQ color $222.7790, -0.0950, 18.2490$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $242.2210, 0.0950, -18.2490$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $167.2520, -0.0490, 17.4150$ is the 20% darker color. If you saturate the color by 10%, you get $204.5160, -0.3720, 28.7800$, and if you desaturate by 10%, it is $241.0420, 0.1820, 7.7180$.

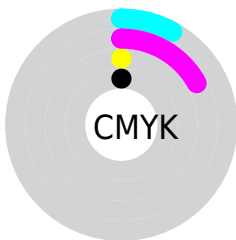
Distribution



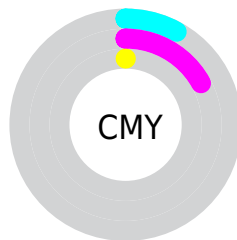
- Red (92%)
- Green (83%)
- Blue (100%)



- Red (92%)
- Yellow (83%)
- Blue (100%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.7790, -0.0950, 18.2490 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 222.7790, -0.0950, 18.2490 by changing the saturation by 10% instead.

■ 222.7790, -0.0950,
18.2490

■ 222.7790, -0.0950,
18.2490

255.0000, -0.0000,
-0.0000

■ 194.6650, 0.2260,
17.9380

■ 167.2520, -0.0490,
17.4150

■ 140.8390, -0.3240,
16.8920

■ 115.3120, -0.2780,
16.0580

■ 90.8990, -0.5530,
15.5350

■ 67.3720, -0.5070,
14.7010

■ 44.5460, -1.0570,

13.6550

■ 23.7200, -1.6070,
12.6090

■ 2.9640, -8.3460,
8.0860

■ 222.7790, -0.0950,
18.2490

■ 222.7790, -0.0950,
18.2490

■ 204.5160, -0.3720,
28.7800

■ 241.0420, 0.1820,
7.7180

■ 185.6660, -0.3740,
39.8340

254.8860, 0.3210,
-0.3110

■ 167.7020, -0.0550,
50.5770

■ 148.8520, -0.0570,
61.6310

■ 130.5890, -0.3340,
72.1620

■ 112.3260, -0.6110,
82.6930

■ 93.4760, -0.6130,
93.7470

■ 75.5120, -0.2940,
104.4900

■ 69.6200, -0.4780,
107.8260

Harmonies

Analogous

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



218.6190, -20.4960, 8.0160



222.7790, -0.0950, 18.2490



223.3700, 20.1700, 19.9300

Triad

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



222.7790, -0.0950, 18.2490



219.9590, 33.6080, -3.3520



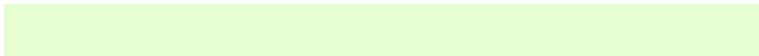
210.4890, -41.5820, -17.3420

Complementary

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



222.7790, -0.0950, 18.2490



242.2210, 0.0950, -18.2490

Split Complementary

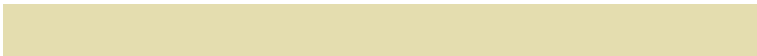
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



212.6620, -23.1960, -20.1560



222.7790, -0.0950, 18.2490



217.8490, 18.9380, -12.8220

Square

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



222.7790, -0.0950, 18.2490



219.5280, 33.7440, 5.2000



215.0360, -0.8220, -18.1500



211.5240, -48.6900, -9.6660

Rectangle

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



222.7790, -0.0950, 18.2490



221.0730, 25.2600, 15.7880



215.0360, -0.8220, -18.1500



211.1860, -36.3550, -18.4590

Sweetspot

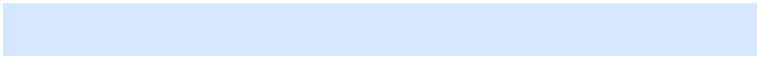
The Sweet Spot groups the original color and five complimentary colors.



222.7790, -0.0950, 18.2490



245.5750, -0.0010, 5.5270



227.6420, -19.3030, 2.9130



122.1080, -0.1840, 3.3360



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.



222.7790, -0.0950, 18.2490



217.8870, -0.2790, 21.5850



228.6450, 12.1460, 22.1780



118.5750, -0.0010, 5.5270



52.2720, -0.5190, 81.0250



17.4620, -0.2800, 27.1120

Inverse Universe

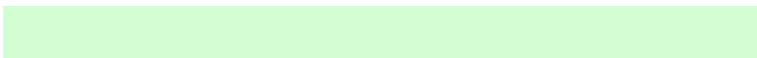
The Inverse Universe completely reimagines the original color for something new.



226.1370, 19.2080, 15.3360



221.9850, 22.6920, 18.2760



236.3550, -12.1460, -22.1780



119.5710, 5.8220, 4.6220



67.2550, 85.2670, 68.1710



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 222.7790, -0.0950, 18.2490 looks on a white background.

Color Contrast Check

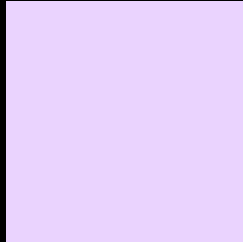
Large Text (above 18pt) WCAG AA × Fail

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 222.7790, -0.0950, 18.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

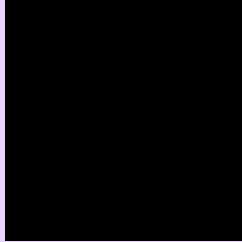
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.7790, -0.0950, 18.2490

Background



This preview shows how black text looks on a background with the YIQ color 222.7790, -0.0950, 18.2490.



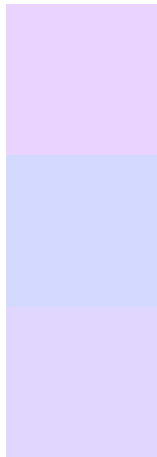
This preview shows how white text looks on a background with the YIQ color 222.7790, -0.0950,

18.2490.

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

222.7790, -0.0950, 18.2490

Protanopia

220.4240, -15.4530, 10.2350

Deuteranopia

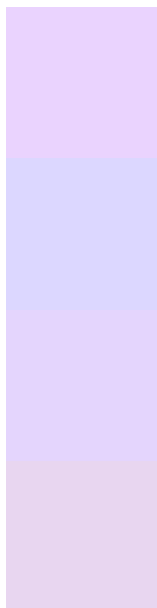
221.7350, -5.9630, 14.4610



Tritanopia

221.7220, 4.0790, 8.6790

Trichromacy



Original Color

222.7790, -0.0950, 18.2490

Protanomaly

221.0550, -9.8600, 13.5000

Deuteranomaly

222.0450, -3.9000, 15.6200

Tritanomaly

222.3460, 2.3820, 11.9020

Monochromacy



Original Color

222.7790, -0.0950, 18.2490

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1020, -0.0470, 6.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.7790, -0.0950, 18.2490 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(234, 211, 254)` looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 254)  
}
```

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(234, 211, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 254) }
```

Border

The CSS property to change the border of an element to YIQ 222.7790, -0.0950, 18.2490 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(234, 211, 254) }
```


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

```
.border{ border-color:rgb(234, 211, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 211, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 254);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 222.7790, -0.0950, 18.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 254) }
```

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

```
.background{ background-color: rgb(234,  
211, 254) }
```

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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