

Converting Colors

YIQ(225.7030, -2.9370, 14.6870)

Have a look what the booklet for
YIQ(225.7030, -2.9370, 14.6870)
contains.

YIQ(225.7030, -2.9370, 14.6870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(225.7030, -2.9370,
14.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D9FE
RGB	232, 217, 254
RGB Percent	91%, 85%, 100%
CMY	0.0901, 0.1490, 0.0040
CMYK	0.09, 0.15, 0.00, 0.00
HSL	264°, 95%, 92%
HSV	264°, 15%, 100%
XYZ	75.9826, 73.9359, 104.0236
YIQ	225.7030, -2.9370, 14.6870

Conversions

Conversions Part 2

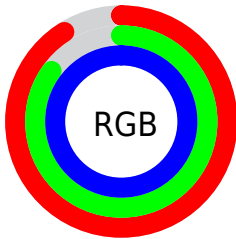
Format	Color
R _Y B	232, 217, 254
Decimal	15260158
CIE Lab	88.89, 11.93, -16.13
CIE LCh	89, 20.060, 306.475
Yxy	73.9359, 0.2992, 0.2912
Android (android.graphics.Color)	4293450238 (0xFFE8D9FE)
YUV	225.7030, 13.9504, 5.5225
Hunter-Lab	85.9860, 7.2582, -11.5373

Details

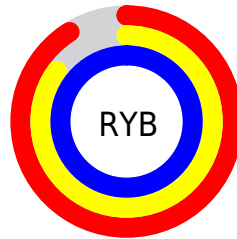
The YIQ color $225.7030, -2.9370, 14.6870$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $245.2970, 2.9370, -14.6870$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.1760, -2.8910, 13.8530$ is the 20% darker color. If you saturate the color by 10%, you get $206.5430, -5.0020, 24.5820$, and if you desaturate by 10%, it is $244.8630, -0.8720, 4.7920$.

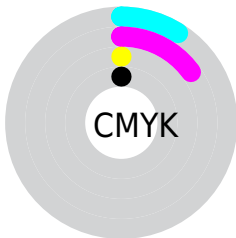
Distribution



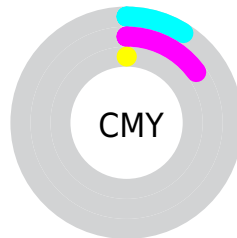
- Red (91%)
- Green (85%)
- Blue (100%)



- Red (91%)
- Yellow (85%)
- Blue (100%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.7030, -2.9370, 14.6870 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 225.7030, -2.9370, 14.6870 by changing the saturation by 10% instead.

■ 225.7030, -2.9370,
14.6870

■ 225.7030, -2.9370,
14.6870

255.0000, -0.0000,
-0.0000

■ 197.5890, -2.6160,
14.3760

■ 170.1760, -2.8910,
13.8530

■ 143.7630, -3.1660,
13.3300

■ 118.2360, -3.1200,
12.4960

■ 93.2360, -3.1200,
12.4960

■ 69.7090, -3.0740,
11.6620

■ 47.1820, -3.0280,

10.8280

■ 25.7690, -3.3030,
10.3050

■ 3.5620, -7.1540,
8.5100

■ 225.7030, -2.9370,
14.6870

■ 225.7030, -2.9370,
14.6870

■ 206.5430, -5.0020,
24.5820

■ 244.8630, -0.8720,
4.7920

■ 186.7960, -6.7920,
35.0000

254.8860, 0.3210,
-0.3110

■ 167.6360, -8.8570,
44.8950

■ 147.8890,
-10.6470, 55.3130

■ 128.7290,
-12.7120, 65.2080

■ 109.2700,
-15.3730, 74.8910

■ 89.5230, -17.1630,
85.3090

■ 70.3630, -19.2280,
95.2040

■ 59.7530, -20.1460,
100.8300

Harmonies

Analogous

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



221.8640, -19.8080, 6.5600



225.7030, -2.9370, 14.6870



227.0380, 15.1730, 16.8770

Triad

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



225.7030, -2.9370, 14.6870



224.2730, 29.8480, -1.2880



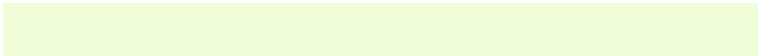
216.4470, -32.5960, -14.9960

Complementary

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



225.7030, -2.9370, 14.6870



245.2970, 2.9370, -14.6870

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.



217.4780, -16.6860, -16.9900



225.7030, -2.9370, 14.6870



221.9570, 18.7540, -9.4860

Square

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



225.7030, -2.9370, 14.6870



223.6030, 29.1590, 5.6950



219.9980, 2.3410, -14.8990



216.4280, -39.6120, -8.9880

Rectangle

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



225.7030, -2.9370, 14.6870



225.2790, 21.6840, 14.5160



219.9980, 2.3410, -14.8990



216.2580, -27.6900, -15.8020

Sweetspot

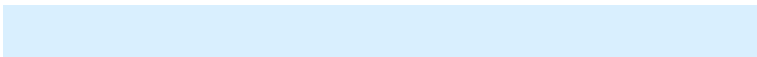
The Sweet Spot groups the original color and five complimentary colors.



225.7030, -2.9370, 14.6870



247.3360, -0.8260, 3.9580



234.1320, -17.9270, 0.0010



122.6950, -0.4590, 2.8130



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.



225.7030, -2.9370, 14.6870



221.9850, -3.6710, 16.9770



231.0850, 7.7910, 18.5030



117.9770, -1.1930, 5.1030



45.0960, -14.8230, 75.9370



15.0700, -5.0480, 25.4160

Inverse Universe

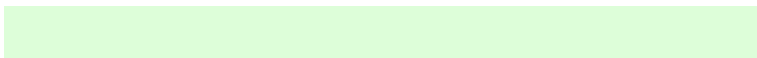
The Inverse Universe completely reimagines the original color for something new.



230.5710, 14.9900, 14.6860



227.7070, 17.6030, 16.8910



239.9150, -7.7910, -18.5030



119.6850, 5.5010, 4.9330



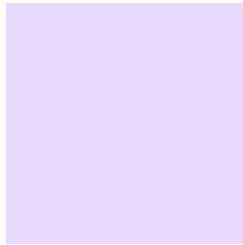
70.1050, 77.2420, 75.9460



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 225.7030, -2.9370, 14.6870 looks on a white background.

Color Contrast Check

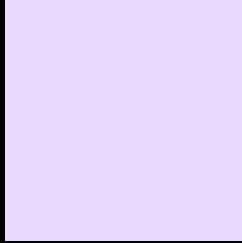
Large Text (above 18pt) WCAG AA × Fail

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 225.7030, -2.9370, 14.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

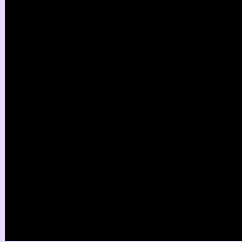
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.7030, -2.9370, 14.6870

Background



This preview shows how black text looks on a background with the YIQ color 225.7030, -2.9370, 14.6870.



This preview shows how white text looks on a background with the YIQ color 225.7030, -2.9370,

14.6870.

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

225.7030, -2.9370, 14.6870

Protanopia

224.2670, -13.5730, 9.2030

Deuteranopia

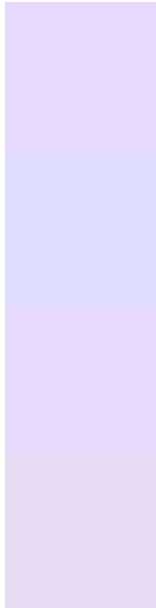
225.6920, -4.4040, 13.7400



Tritanopia

224.6290, -0.0930, 7.1950

Trichromacy



Original Color

225.7030, -2.9370, 14.6870

Protanomaly

224.5880, -10.0430, 11.3090

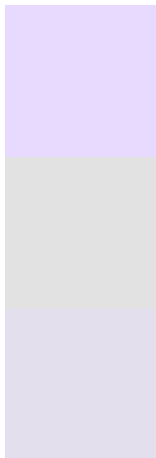
Deuteranomaly

225.9910, -3.8080, 13.9520

Tritanomaly

225.0250, -1.1480, 9.7960

Monochromacy



Original Color

225.7030, -2.9370, 14.6870

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.9770, -1.1930, 5.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.7030, -2.9370, 14.6870 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, 217, 254)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 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(232, 217, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 254) }
```

Border

The CSS property to change the border of an element to YIQ 225.7030, -2.9370, 14.6870 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, 217, 254) }
```


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

```
.border{ border-color:rgb(232, 217, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 254);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 225.7030, -2.9370, 14.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 254) }
```

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

```
.background{ background-color: rgb(232,  
217, 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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