

Converting Colors

YIQ(217.1370, -7.1550, 14.0370)

Have a look what the booklet for
YIQ(217.1370, -7.1550, 14.0370)
contains.

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Color

**YIQ(217.1370, -7.1550,
14.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2F9
RGB	219, 210, 249
RGB Percent	86%, 82%, 98%
CMY	0.1411, 0.1765, 0.0236
CMYK	0.12, 0.16, 0.00, 0.02
HSL	254°, 76%, 90%
HSV	254°, 16%, 98%
XYZ	69.3592, 67.9919, 99.0784
YIQ	217.1370, -7.1550, 14.0370

Conversions

Conversions Part 2

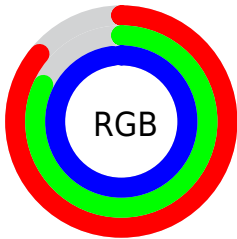
Format	Color
R _Y B	219, 210, 249
Decimal	14406393
CIE Lab	86.00, 10.49, -17.94
CIE LCh	86, 20.781, 300.305
Yxy	67.9919, 0.2934, 0.2876
Android (android.graphics.Color)	4292596473 (0xFFDDBD2F9)
YUV	217.1370, 15.7085, 1.6339
Hunter-Lab	82.4572, 5.8459, -13.5213

Details

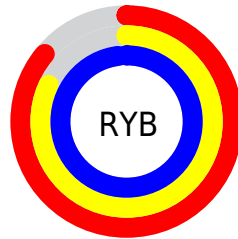
The YIQ color $217.1370, -7.1550, 14.0370$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $241.8630, 7.1550, -14.0370$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.6100, -7.1090, 13.2030$ is the 20% darker color. If you saturate the color by 10%, you get $196.7810, -11.6040, 23.0840$, and if you desaturate by 10%, it is $237.4930, -2.7060, 4.9900$.

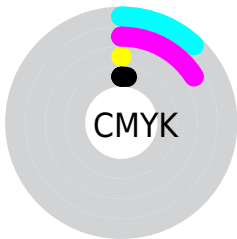
Distribution



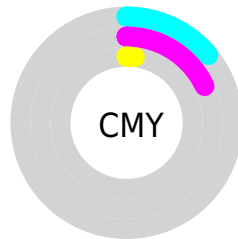
- Red (86%)
- Green (82%)
- Blue (98%)



- Red (86%)
- Yellow (82%)
- Blue (98%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.1370, -7.1550, 14.0370 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 217.1370, -7.1550, 14.0370 by changing the saturation by 10% instead.

■ 217.1370, -7.1550,
14.0370

■ 217.1370, -7.1550,
14.0370

255.0000, -0.0000,
-0.0000

■ 189.0230, -6.8340,
13.7260

■ 162.4960, -6.7880,
12.8920

■ 136.0830, -7.0630,
12.3690

■ 110.3820, -6.4670,
12.5810

■ 85.8550, -6.4210,
11.7470

■ 62.4420, -6.6960,
11.2240

■ 40.8010, -6.3290,

10.0790

■ 19.3880, -6.6040,
9.5560

■ 3.0950, -7.3370,
6.3190

■ 217.1370, -7.1550,
14.0370

■ 217.1370, -7.1550,
14.0370

■ 196.7810,
-11.6040, 23.0840

■ 237.4930, -2.7060,
4.9900

■ 176.4250,
-16.0530, 32.1310

■ 254.3160, 1.9260,
-1.8660

■ 156.0690,
-20.5020, 41.1780

■ 135.4140,
-25.5470, 50.0130

■ 115.6450,
-30.2710, 58.5370

■ 95.2890, -34.7200,
67.5840

■ 74.9330, -39.1690,
76.6310

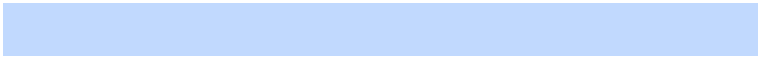
■ 54.5770, -43.6180,
85.6780

■ 45.7280, -45.3610,
89.7350

Harmonies

Analogous

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



214.0420, -26.1810, 6.4190



217.1370, -7.1550, 14.0370



218.5970, 12.1010, 17.4850

Triad

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



217.1370, -7.1550, 14.0370



216.1100, 31.8650, 0.7050



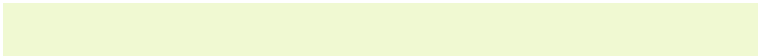
208.2900, -30.7160, -16.0280

Complementary

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



217.1370, -7.1550, 14.0370



241.8630, 7.1550, -14.0370

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.



209.3320, -13.3390, -17.0750



217.1370, -7.1550, 14.0370



214.4520, 21.7340, -8.4260

Square

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



217.1370, -7.1550, 14.0370



217.7500, 33.2390, 8.8470



212.2650, 5.9630, -14.4610



208.0750, -40.1160, -10.8680

Rectangle

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



217.1370, -7.1550, 14.0370



218.9310, 22.7840, 16.6080



212.2650, 5.9630, -14.4610



208.4000, -25.2140, -16.6220

Sweetspot

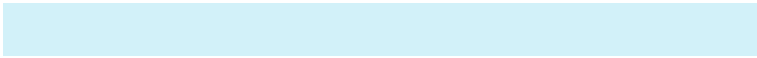
The Sweet Spot groups the original color and five complimentary colors.



217.1370, -7.1550, 14.0370



244.3790, -2.3850, 4.6790



232.6430, -21.0440, -4.0840



121.5100, -1.3760, 2.9120



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.



217.1370, -7.1550, 14.0370



215.7610, -8.8520, 17.2600



222.8180, 4.1690, 18.0650



114.3790, -2.3850, 4.6790



34.7020, -34.4450, 68.1070



11.1400, -11.2370, 21.9390

Inverse Universe

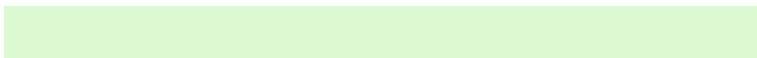
The Inverse Universe completely reimagines the original color for something new.



225.0810, 13.6140, 17.5980



225.5700, 16.7310, 21.6830



236.1820, -4.1690, -18.0650



117.0270, 4.5380, 5.8660



73.0410, 66.0990, 85.1630



23.5970, 21.2690, 27.5490

Previews

White Background



This preview shows how the YIQ color 217.1370, -7.1550, 14.0370 looks on a white background.

Color Contrast Check

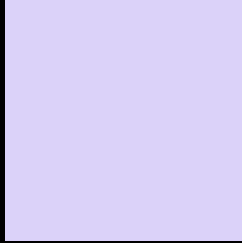
Large Text (above 18pt) WCAG AA × Fail

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 217.1370, -7.1550, 14.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

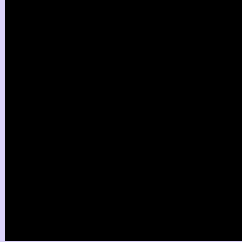
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.1370, -7.1550, 14.0370

Background



This preview shows how black text looks on a background with the YIQ color 217.1370, -7.1550, 14.0370.



This preview shows how white text looks on a background with the YIQ color 217.1370, -7.1550,

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

217.1370, -7.1550, 14.0370

Protanopia

215.8370, -15.1780, 10.7580

Deuteranopia

217.4360, -6.5590, 14.2490



Tritanopia

215.8350, -3.6690, 5.9230

Trichromacy



Original Color

217.1370, -7.1550, 14.0370

Protanomaly

216.3320, -12.1980, 11.8180

Deuteranomaly

217.4360, -6.5590, 14.2490

Tritanomaly

216.3450, -5.0450, 8.8350

Monochromacy



Original Color

217.1370, -7.1550, 14.0370

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9060, -2.4310, 5.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.1370, -7.1550, 14.0370 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(219, 210, 249)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 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(219, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 249) }
```

Border

The CSS property to change the border of an element to YIQ 217.1370, -7.1550, 14.0370 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(219, 210, 249) }
```


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

```
.border{ border-color:rgb(219, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 217.1370, -7.1550, 14.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 249) }
```

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

```
.background{ background-color: rgb(219,  
210, 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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