

Converting Colors

YIQ(217.9280, 0.5030, 7.4070)

Have a look what the booklet for
YIQ(217.9280, 0.5030, 7.4070)
contains.

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Color

**YIQ(217.9280, 0.5030,
7.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD5E6
RGB	223, 213, 230
RGB Percent	87%, 84%, 90%
CMY	0.1254, 0.1647, 0.0980
CMYK	0.03, 0.07, 0.00, 0.10
HSL	275°, 25%, 87%
HSV	275°, 7%, 90%
XYZ	68.5099, 68.9888, 84.5661
YIQ	217.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

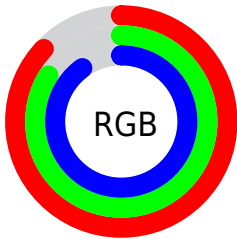
Format	Color
R _{YB}	223, 213, 230
Decimal	14669286
CIE Lab	86.50, 6.50, -7.12
CIE LCh	86, 9.642, 312.407
Yxy	68.9888, 0.3085, 0.3107
Android (android.graphics.Color)	4292859366 (0xFFDFD5E6)
YUV	217.9280, 5.9515, 4.4481
Hunter-Lab	83.0595, 1.8778, -2.2238

Details

The YIQ color **217.9280, 0.5030, 7.4070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225.0720, -0.5030, -7.4070**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **162.9280, 0.5030, 7.4070** is the 20% darker color. If you saturate the color by 10%, you get **201.7360, 1.4640, 17.5280**, and if you desaturate by 10%, it is **234.1200, -0.4580, -2.7140**.

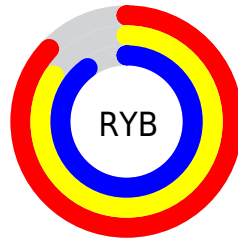
Distribution



Red (87%)

Green (84%)

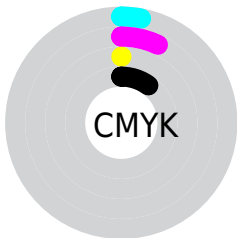
Blue (90%)



Red (87%)

Yellow (84%)

Blue (90%)

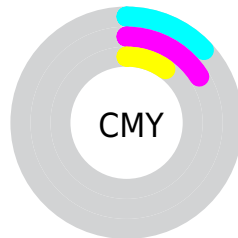


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (13%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.9280, 0.5030, 7.4070 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 217.9280, 0.5030, 7.4070 by changing the saturation by 10% instead.

■ 217.9280, 0.5030,
7.4070

■ 217.9280, 0.5030,
7.4070

255.0000, -0.0000,
-0.0000

■ 189.9280, 0.5030,
7.4070

■ 162.9280, 0.5030,
7.4070

■ 136.5150, 0.2280,
6.8840

■ 111.4010, 0.5490,
6.5730

■ 86.9880, 0.2740,
6.0500

■ 63.9880, 0.2740,
6.0500

■ 41.5750, -0.0010,

5.5270

■ 21.4610, 0.3200,
5.2160

■ 0.3420, -0.9630,
0.9330

■ 217.9280, 0.5030,
7.4070

■ 217.9280, 0.5030,
7.4070

■ 201.7360, 1.4640,
17.5280

■ 234.1200, -0.4580,
-2.7140

■ 185.2450, 1.8290,
27.4370

■ 248.2630, 0.2770,
-10.5310

■ 169.0530, 2.7900,
37.5580

■ 250.9540, 5.6410,
-8.6230

■ 152.5620, 3.1550,
47.4670

■ 252.1500, 8.0250,
-7.7750

■ 136.3700, 4.1160,
57.5880

■ 119.8790, 4.4810,
67.4970

■ 103.6870, 5.4420,
77.6180

■ 87.1960, 5.8070,
87.5270

■ 71.0040, 6.7680,
97.6480

Harmonies

Analogous

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



216.8560, -8.1620, 4.7500



217.9280, 0.5030, 7.4070



218.5330, 8.9850, 7.8730

Triad

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



217.9280, 0.5030, 7.4070



217.0740, 14.3510, -1.2730



213.6990, -15.4500, -6.3460

Complementary

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



217.9280, 0.5030, 7.4070



225.0720, -0.5030, -7.4070

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.



214.1680, -9.5810, -8.0850



217.9280, 0.5030, 7.4070



215.8450, 7.5660, -4.9620

Square

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



217.9280, 0.5030, 7.4070



217.9650, 16.2760, 2.3880



214.7730, -1.0990, -7.6190



214.0240, -17.7430, -3.3350

Rectangle

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



217.9280, 0.5030, 7.4070



218.1590, 12.9740, 7.1660



214.7730, -1.0990, -7.6190



213.6560, -13.8910, -7.0670

Sweetspot

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



217.9280, 0.5030, 7.4070



251.4670, 0.1830, 2.1910



219.0470, -7.3820, 1.6260



125.6410, -0.3670, 1.1450



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.



217.9280, 0.5030, 7.4070



238.8080, 0.9610, 10.1210



219.9070, 4.9960, 8.5800



106.4610, 0.3200, 5.2160



51.8010, 5.1210, 77.9290



14.7840, 1.5090, 22.2210

Inverse Universe

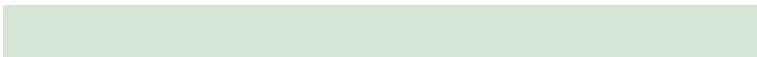
The Inverse Universe completely reimagines the original color for something new.



218.8810, 7.8850, 5.7810



239.9030, 10.8190, 7.6750



223.0930, -4.9960, -8.5800



107.1580, 5.5470, 4.0990



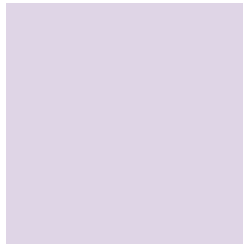
61.8430, 83.2510, 60.6510



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 217.9280, 0.5030, 7.4070 looks on a white background.

Color Contrast Check

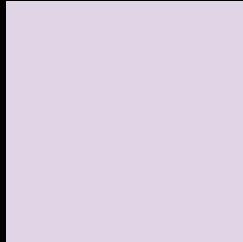
Large Text (above 18pt) WCAG AA × Fail

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 217.9280, 0.5030, 7.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

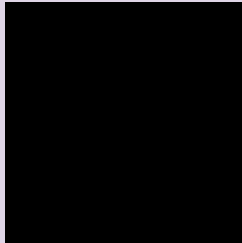
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

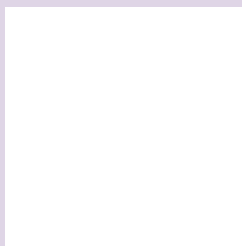
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.9280, 0.5030, 7.4070

Background



This preview shows how black text looks on a background with the YIQ color 217.9280, 0.5030, 7.4070.



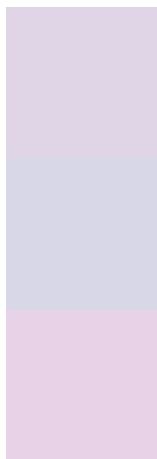
This preview shows how white text looks on a background with the YIQ color 217.9280, 0.5030,

7.4070.

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

217.9280, 0.5030, 7.4070

Protanopia

217.1230, -4.5400, 5.1880

Deuteranopia

218.6730, 5.7750, 10.9830



Tritanopia

217.9280, 0.5030, 7.4070

Trichromacy



Original Color

217.9280, 0.5030, 7.4070

Protanomaly

217.4330, -2.4770, 6.3470

Deuteranomaly

218.3630, 3.7120, 9.8240

Tritanomaly

217.9280, 0.5030, 7.4070

Monochromacy



Original Color

217.9280, 0.5030, 7.4070

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.8800, 0.4580, 2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9280, 0.5030, 7.4070 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(223, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 230)  
}
```

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(223, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 230) }
```

Border

The CSS property to change the border of an element to YIQ 217.9280, 0.5030, 7.4070 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(223, 213, 230) }
```


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

```
.border{ border-color:rgb(223, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9280, 0.5030, 7.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 230) }
```

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

```
.background{ background-color: rgb(223,  
213, 230) }
```

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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