

Converting Colors

YIQ(218.1390, -1.4690, 10.1070)

Have a look what the booklet for
YIQ(218.1390, -1.4690, 10.1070)
contains.

YIQ(218.1390, -1.4690, 10.1070)	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(218.1390, -1.4690,
10.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD4ED
RGB	223, 212, 237
RGB Percent	87%, 83%, 93%
CMY	0.1254, 0.1686, 0.0706
CMYK	0.06, 0.11, 0.00, 0.07
HSL	266°, 41%, 88%
HSV	266°, 11%, 93%
XYZ	69.2622, 68.8884, 89.7621
YIQ	218.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

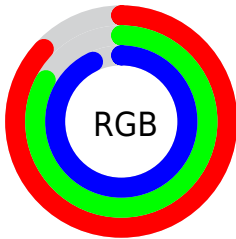
Format	Color
R _Y B	223, 212, 237
Decimal	14669037
CIE Lab	86.45, 8.35, -10.90
CIE LCh	86, 13.728, 307.471
Yxy	68.8884, 0.3039, 0.3023
Android (android.graphics.Color)	4292859117 (0xFFDFD4ED)
YUV	218.1390, 9.2985, 4.2631
Hunter-Lab	82.9990, 3.7088, -6.0219

Details

The YIQ color $218.1390, -1.4690, 10.1070$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.8610, 1.4690, -10.1070$, 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 $163.0250, -1.1480, 9.7960$ is the 20% darker color. If you saturate the color by 10%, you get $200.1640, -2.6170, 19.9030$, and if you desaturate by 10%, it is $236.1140, -0.3210, 0.3110$.

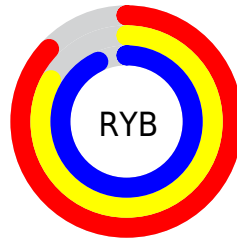
Distribution



Red (87%)

Green (83%)

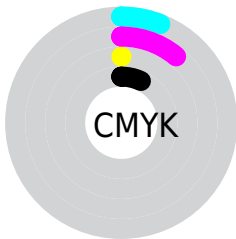
Blue (93%)



Red (87%)

Yellow (83%)

Blue (93%)

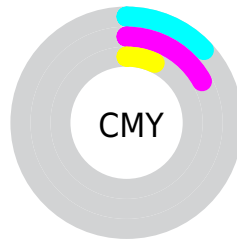


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.1390, -1.4690, 10.1070 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 218.1390, -1.4690, 10.1070 by changing the saturation by 10% instead.

■ 218.1390, -1.4690,
10.1070

■ 218.1390, -1.4690,
10.1070

255.0000, -0.0000,
-0.0000

■ 190.1390, -1.4690,
10.1070

■ 163.0250, -1.1480,
9.7960

■ 136.6120, -1.4230,
9.2730

■ 111.4980, -1.1020,
8.9620

■ 87.0850, -1.3770,
8.4390

■ 63.6720, -1.6520,
7.9160

■ 41.5580, -1.3310,

7.6050

■ 21.1450, -1.6060,
7.0820

■ 1.3680, -3.8520,
3.7320

■ 218.1390, -1.4690,
10.1070

■ 218.1390, -1.4690,
10.1070

■ 200.1640, -2.6170,
19.9030

■ 236.1140, -0.3210,
0.3110

■ 182.4770, -4.6360,
28.9640

■ 251.4530, 2.7980,
-6.6580

■ 164.5020, -5.7840,
38.7600

■ 252.9480, 5.7780,
-5.5980

■ 146.5270, -6.9320,
48.5560

■ 129.1390, -8.3550,
57.8290

■ 110.8650,
-10.0990, 67.4130

■ 92.8900, -11.2470,
77.2090

■ 74.9150, -12.3950,
87.0050

■ 58.1140, -14.0930,
95.7550

Harmonies

Analogous

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



216.2730, -13.7100, 6.1780



218.1390, -1.4690, 10.1070



219.1250, 10.3140, 11.3220

Triad

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



218.1390, -1.4690, 10.1070



217.0100, 20.4030, -0.8210



211.7690, -21.6390, -9.8230

Complementary

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



218.1390, -1.4690, 10.1070



230.8610, 1.4690, -10.1070

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.



212.6900, -11.2310, -11.2230



218.1390, -1.4690, 10.1070



215.5420, 12.7930, -6.0790

Square

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



218.1390, -1.4690, 10.1070



218.2540, 22.8320, 4.7200



213.9750, 1.1480, -9.7960



212.3650, -26.1330, -5.4690

Rectangle

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



218.1390, -1.4690, 10.1070



219.3060, 17.0540, 10.3180



213.9750, 1.1480, -9.7960



212.2100, -18.5670, -10.4310

Sweetspot

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



218.1390, -1.4690, 10.1070



249.1080, -0.1840, 3.3360



223.0680, -11.8750, 0.4530



123.5810, -0.1380, 2.5020



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.



218.1390, -1.4690, 10.1070



229.9480, -2.2490, 13.2310



221.7270, 5.6830, 12.6510



108.7490, -0.5510, 4.4810



44.5540, -10.4210, 73.2510



13.3320, -3.0300, 21.8820

Inverse Universe

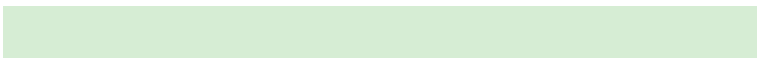
The Inverse Universe completely reimagines the original color for something new.



221.0710, 10.4060, 9.6540



233.9190, 13.8900, 12.5940



227.2730, -5.6830, -12.6510



109.9730, 4.6300, 4.1980



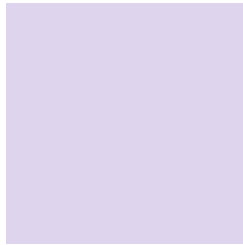
65.6330, 75.4550, 69.7830



19.5660, 22.5540, 20.7780

Previews

White Background



This preview shows how the YIQ color 218.1390, -1.4690, 10.1070 looks on a white background.

Color Contrast Check

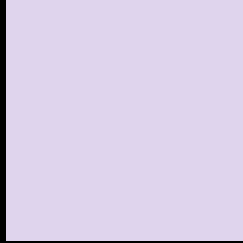
Large Text (above 18pt) WCAG AA × Fail

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 218.1390, -1.4690, 10.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

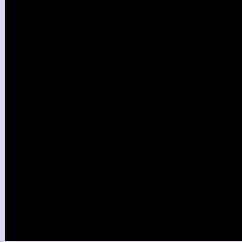
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.1390, -1.4690, 10.1070

Background



This preview shows how black text looks on a background with the YIQ color 218.1390, -1.4690, 10.1070.



This preview shows how white text looks on a background with the YIQ color 218.1390, -1.4690,

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

218.1390, -1.4690, 10.1070

Protanopia

217.4370, -8.3000, 7.2520

Deuteranopia

218.4600, 2.0610, 12.2130



Tritanopia

217.6290, -0.0930, 7.1950

Trichromacy



Original Color

218.1390, -1.4690, 10.1070

Protanomaly

217.6330, -5.9160, 8.1000

Deuteranomaly

218.4490, 0.5940, 11.2660

Tritanomaly

217.9710, -1.0560, 8.1280

Monochromacy



Original Color

218.1390, -1.4690, 10.1070

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.2220, -0.5050, 3.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.1390, -1.4690, 10.1070 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, 212, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 212, 237)  
}
```

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, 212, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 212, 237) }
```

Border

The CSS property to change the border of an element to YIQ 218.1390, -1.4690, 10.1070 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, 212, 237) }
```


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

```
.border{ border-color:rgb(223, 212, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 212, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 212, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 212, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 212,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 218.1390, -1.4690, 10.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 212, 237) }
```

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

```
.background{ background-color: rgb(223,  
212, 237) }
```

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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