

Converting Colors

YIQ(218.0370, -1.4220, 3.7460)

Have a look what the booklet for
YIQ(218.0370, -1.4220, 3.7460)
contains.

YIQ(218.0370, -1.4220, 3.7460)	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(218.0370, -1.4220,
3.7460)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD8E2
RGB	219, 216, 226
RGB Percent	86%, 85%, 89%
CMY	0.1412, 0.1529, 0.1137
CMYK	0.03, 0.04, 0.00, 0.11
HSL	258°, 15%, 87%
HSV	258°, 4%, 89%
XYZ	67.4970, 69.6625, 81.8378
YIQ	218.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

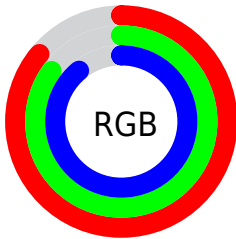
Format	Color
R _Y B	219, 216, 226
Decimal	14407906
CIE Lab	86.83, 2.85, -4.55
CIE LCh	87, 5.366, 302.066
Yxy	69.6625, 0.3082, 0.3181
Android (android.graphics.Color)	4292597986 (0xFFDBD8E2)
YUV	218.0370, 3.9258, 0.8446
Hunter-Lab	83.4641, -1.7100, 0.2901

Details

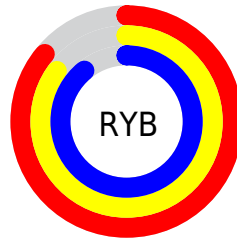
The YIQ color $218.0370, -1.4220, 3.7460$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $223.9630, 1.4220, -3.7460$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.0370, -1.4220, 3.7460$ is the 20% darker color. If you saturate the color by 10%, you get $199.7520, -4.6330, 12.3830$, and if you desaturate by 10%, it is $236.3220, 1.7890, -4.8910$.

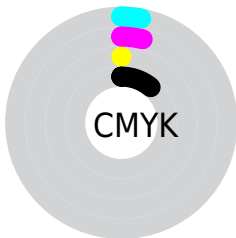
Distribution



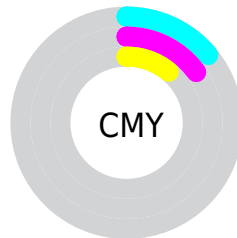
- Red (86%)
- Green (85%)
- Blue (89%)



- Red (86%)
- Yellow (85%)
- Blue (89%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.0370, -1.4220, 3.7460 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 218.0370, -1.4220, 3.7460 by changing the saturation by 10% instead.

■ 218.0370, -1.4220,
3.7460

■ 218.0370, -1.4220,
3.7460

255.0000, -0.0000,
-0.0000

■ 190.0370, -1.4220,
3.7460

■ 163.0370, -1.4220,
3.7460

■ 136.9230, -1.1010,
3.4350

■ 111.6240, -1.6970,
3.2230

■ 86.9230, -1.1010,
3.4350

■ 63.8090, -0.7800,
3.1240

■ 41.8090, -0.7800,

3.1240

■ 21.3960, -1.0550,
2.6010

■ 0.0000, 0.0000,
0.0000

■ 218.0370, -1.4220,
3.7460

■ 218.0370, -1.4220,
3.7460

■ 199.7520, -4.6330,
12.3830

■ 236.3220, 1.7890,
-4.8910

■ 182.0540, -8.1190,
20.4970

■ 250.4980, 6.9250,
-9.8670

■ 164.0680,
-10.7340, 29.3460

■ 251.6940, 9.3090,
-9.0190

■ 146.3700,
-14.2200, 37.4600

■ 128.0850,
-17.4310, 46.0970

■ 109.8000,
-20.6420, 54.7340

■ 92.1020, -24.1280,
62.8480

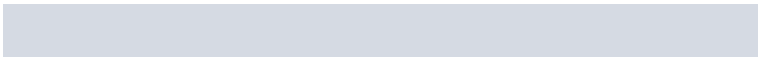
■ 73.8170, -27.3390,
71.4850

■ 56.4180, -30.2290,
79.8110

Harmonies

Analogous

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



217.5310, -5.8690, 1.7390



218.0370, -1.4220, 3.7460



218.7880, 3.7130, 4.2970

Triad

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



218.0370, -1.4220, 3.7460



218.1920, 8.2070, -0.0570



216.1730, -7.9770, -4.1130

Complementary

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



218.0370, -1.4220, 3.7460



223.9630, 1.4220, -3.7460

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.



216.0980, -3.3920, -4.6080



218.0370, -1.4220, 3.7460



217.3550, 6.1900, -2.0500

Square

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



218.0370, -1.4220, 3.7460



218.2570, 9.5820, 2.5580



216.9630, 1.4220, -3.7460



215.8570, -9.9030, -2.2470

Rectangle

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



218.0370, -1.4220, 3.7460



218.4570, 6.1430, 4.3110



216.9630, 1.4220, -3.7460



215.6570, -6.4640, -4.0000

Sweetspot

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



218.0370, -1.4220, 3.7460



252.6410, -0.3670, 1.1450



221.2490, -5.1350, -0.5510



126.5270, -0.0460, 0.8340



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.



218.0370, -1.4220, 3.7460



244.6780, -1.7890, 4.8910



219.5320, 1.5580, 4.8060



106.3960, -1.0550, 2.6010



35.9110, -24.9080, 65.9720



9.9570, -6.4680, 18.1080

Inverse Universe

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



219.7880, 3.7130, 4.2970



246.9130, 4.8590, 5.5550



222.4680, -1.5580, -4.8060



107.6630, 2.5670, 3.0390



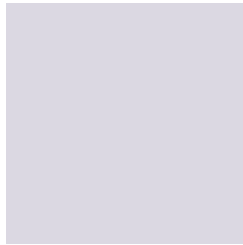
66.6460, 65.4130, 75.5650



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 218.0370, -1.4220, 3.7460 looks on a white background.

Color Contrast Check

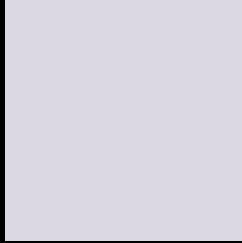
Large Text (above 18pt) WCAG AA × Fail

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 218.0370, -1.4220, 3.7460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

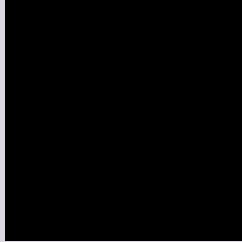
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

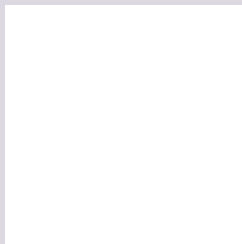
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 218.0370, -1.4220, 3.7460

Background



This preview shows how black text looks on a background with the YIQ color 218.0370, -1.4220, 3.7460.



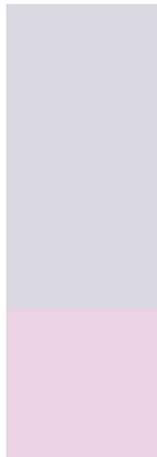
This preview shows how white text looks on a background with the YIQ color 218.0370, -1.4220,

3.7460.

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

218.0370, -1.4220, 3.7460

Protanopia

218.0370, -1.4220, 3.7460

Deuteranopia

219.7010, 8.5720, 9.8520



Tritanopia

218.4330, -2.4770, 6.3470

Trichromacy



Original Color

218.0370, -1.4220, 3.7460

Protanomaly

218.0370, -1.4220, 3.7460

Deuteranomaly

219.3800, 5.0420, 7.7460

Tritanomaly

218.2050, -1.8350, 5.7250

Monochromacy



Original Color

218.0370, -1.4220, 3.7460

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.0370, -1.4220, 3.7460 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, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 216, 226)  
}
```

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, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 216, 226) }
```

Border

The CSS property to change the border of an element to YIQ 218.0370, -1.4220, 3.7460 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, 216, 226) }
```


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

```
.border{ border-color:rgb(219, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(219, 216,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 218.0370, -1.4220, 3.7460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 216, 226) }
```

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

```
.background{ background-color: rgb(219,  
216, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor