

Converting Colors

YIQ(227.1370, 19.2080, 15.3360)

Have a look what the booklet for
YIQ(227.1370, 19.2080, 15.3360)
contains.

YIQ(227.1370, 19.2080, 15.3360)	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(227.1370, 19.2080,
15.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E8
RGB	255, 212, 232
RGB Percent	100%, 83%, 91%
CMY	0.0000, 0.1687, 0.0901
CMYK	0.00, 0.17, 0.09, 0.00
HSL	332°, 100%, 92%
HSV	332°, 17%, 100%
XYZ	79.3467, 74.1650, 86.4887
YIQ	227.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

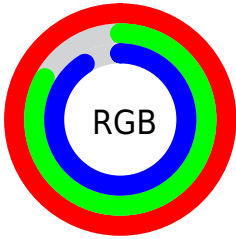
Format	Color
R _Y B	255, 212, 232
Decimal	16766184
CIE Lab	89.00, 18.21, -4.19
CIE LCh	89, 18.684, 347.046
Yxy	74.1650, 0.3306, 0.3090
Android (android.graphics.Color)	4294956264 (0xFFFFD4E8)
YUV	227.1370, 2.3975, 24.4359
Hunter-Lab	86.1191, 13.7542, 0.7389

Details

The YIQ color **227.1370, 19.2080, 15.3360** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **239.8630, -19.2080, -15.3360**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **171.4250, 18.3370, 14.6010** is the 20% darker color. If you saturate the color by 10%, you get **210.2790, 30.8520, 24.5800**, and if you desaturate by 10%, it is **243.4080, 7.8390, 6.6150**.

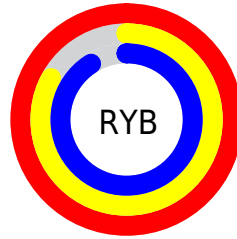
Distribution



Red (100%)

Green (83%)

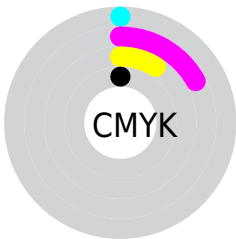
Blue (91%)



Red (100%)

Yellow (83%)

Blue (91%)

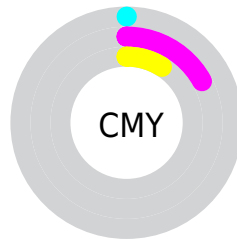


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 227.1370, 19.2080, 15.3360 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 227.1370, 19.2080, 15.3360 by changing the saturation by 10% instead.


 227.1370, 19.2080,
15.3360


 227.1370, 19.2080,
15.3360


255.0000, -0.0000,
-0.0000


 198.8380, 18.6120,
15.1240

 171.4250, 18.3370,
14.6010

 144.8270, 17.1450,
14.1770

 119.4140, 16.8700,
13.6540

 94.1150, 16.2740,
13.4420

 70.4030, 15.4030,
12.7070

 47.5060, 13.6150,

12.0710

■ 25.7940, 12.7440,
11.3360

■ 8.5720, 13.2490,
7.6890

■ 227.1370, 19.2080,
15.3360

■ 227.1370, 19.2080,
15.3360

■ 210.2790, 30.8520,
24.5800

■ 243.4080, 7.8390,
6.6150

■ 194.1220, 41.9000,
33.6120

255.0000, -0.0000,
-0.0000

■ 177.2640, 53.5440,
42.8560

■ 161.1070, 64.5920,
51.8880

■ 144.2490, 76.2360,
61.1320

■ 127.9780, 87.6050,
69.8530

■ 111.2340, 98.9280,
79.4080

■ 94.9630, 110.2970,
88.1290

■ 89.8110, 113.7810,
91.0690

Harmonies

Analogous

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



226.5250, 3.4360, 14.8280



227.1370, 19.2080, 15.3360



224.4980, 25.2610, 10.2610

Triad

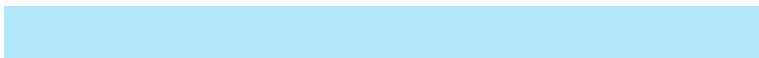
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.1370, 19.2080, 15.3360



222.0810, 12.4730, -11.2950



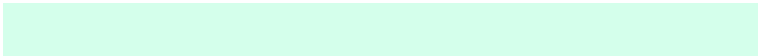
218.3900, -36.4490, -5.7370

Complementary

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



227.1370, 19.2080, 15.3360



239.8630, -19.2080, -15.3360

Split Complementary

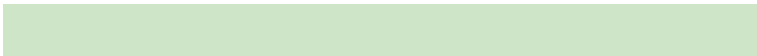
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



217.1420, -33.0550, -12.1830



227.1370, 19.2080, 15.3360



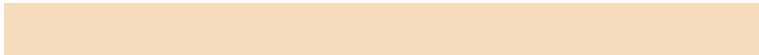
219.2900, -4.3530, -14.7290

Square

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



227.1370, 19.2080, 15.3360



223.9410, 24.8510, -4.3410



217.4930, -21.0420, -15.1380



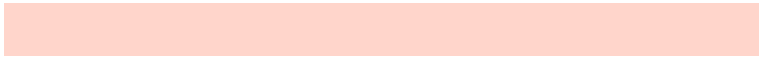
220.6240, -28.0600, 1.9240

Rectangle

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



227.1370, 19.2080, 15.3360



224.4180, 28.2420, 5.7940



217.4930, -21.0420, -15.1380



217.8090, -36.3110, -8.2390

Sweetspot

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



227.1370, 19.2080, 15.3360



246.5710, 5.8220, 4.6220



223.7790, -0.0950, 18.2490



122.7340, 3.8050, 2.6290



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.



227.1370, 19.2080, 15.3360



221.9850, 22.6920, 18.2760



225.4440, 25.3530, 8.5930



119.5710, 5.8220, 4.6220



67.2550, 85.2670, 68.1710



22.5560, 28.5140, 22.8980

Inverse Universe

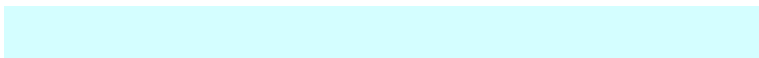
The Inverse Universe completely reimagines the original color for something new.



227.1370, 19.2080, 15.3360



221.9850, 22.6920, 18.2760



241.5560, -25.3530, -8.5930



119.5710, 5.8220, 4.6220



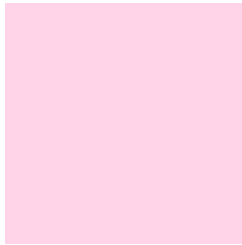
67.2550, 85.2670, 68.1710



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 227.1370, 19.2080, 15.3360 looks on a white background.

Color Contrast Check

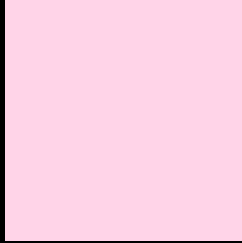
Large Text (above 18pt) WCAG AA × Fail

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 227.1370, 19.2080, 15.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

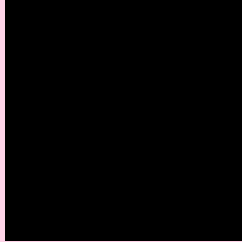
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.1370, 19.2080, 15.3360

Background



This preview shows how black text looks on a background with the YIQ color 227.1370, 19.2080, 15.3360.



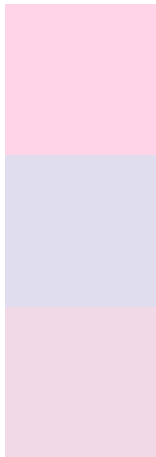
This preview shows how white text looks on a background with the YIQ color 227.1370, 19.2080,

15.3360.

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

227.1370, 19.2080, 15.3360

Protanopia

224.4220, -3.9440, 5.4000

Deuteranopia

226.0710, 10.4060, 9.6540



Tritanopia

226.7950, 20.1710, 14.4030

Trichromacy



Original Color

227.1370, 19.2080, 15.3360

Protanomaly

225.1350, 4.3540, 9.2020

Deuteranomaly

226.3920, 13.9360, 11.7600

Tritanomaly

226.9090, 19.8500, 14.7140

Monochromacy



Original Color

227.1370, 19.2080, 15.3360

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.2830, 6.6930, 5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.1370, 19.2080, 15.3360 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(255, 212, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 232)  
}
```

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(255, 212, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 232) }
```

Border

The CSS property to change the border of an element to YIQ 227.1370, 19.2080, 15.3360 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(255, 212, 232) }
```


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

```
.border{ border-color:rgb(255, 212, 232) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 227.1370, 19.2080, 15.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 232) }
```

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

```
.background{ background-color: rgb(255,  
212, 232) }
```

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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