

Converting Colors

YIQ(229.7640, 21.4560, 7.6320)

Have a look what the booklet for
YIQ(229.7640, 21.4560, 7.6320)
contains.

YIQ(229.7640, 21.4560, 7.6320)	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(229.7640, 21.4560,
7.6320)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBDB
RGB	255, 219, 219
RGB Percent	100%, 86%, 86%
CMY	0.0000, 0.1412, 0.1411
CMYK	0.00, 0.14, 0.14, 0.00
HSL	360°, 100%, 93%
HSV	360°, 14%, 100%
XYZ	79.3566, 77.0308, 77.7187
YIQ	229.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

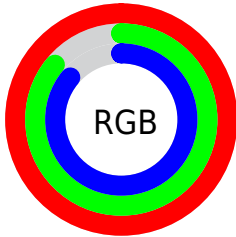
Format	Color
R _Y B	255, 219, 219
Decimal	16767963
CIE Lab	90.34, 12.47, 4.60
CIE LCh	90, 13.293, 20.240
Yxy	77.0308, 0.3390, 0.3290
Android (android.graphics.Color)	4294958043 (0xFFFFDBDB)
YUV	229.7640, -5.3067, 22.1320
Hunter-Lab	87.7672, 7.8022, 8.9351

Details

The YIQ color $229.7640, 21.4560, 7.6320$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $244.2360, -21.4560, -7.6320$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.1660, 20.2640, 7.2080$ is the 20% darker color. If you saturate the color by 10%, you get $211.6520, 36.6310, 13.4550$, and if you desaturate by 10%, it is $247.4030, 6.2350, 2.6430$.

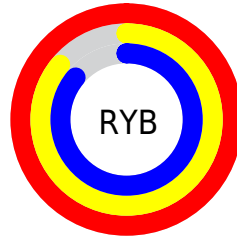
Distribution



Red (100%)

Green (86%)

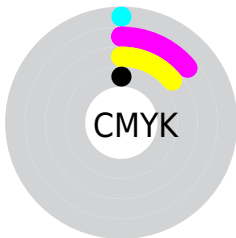
Blue (86%)



Red (100%)

Yellow (86%)

Blue (86%)

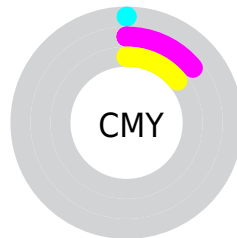


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.7640, 21.4560, 7.6320 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 229.7640, 21.4560, 7.6320 by changing the saturation by 10% instead.


 229.7640, 21.4560,
7.6320


 229.7640, 21.4560,
7.6320


255.0000, -0.0000,
-0.0000


 201.4650, 20.8600,
7.4200

 174.1660, 20.2640,
7.2080

 147.5680, 19.0720,
6.7840

 121.5680, 19.0720,
6.7840

 96.9700, 17.8800,
6.3600

 72.7850, 16.9630,
6.4590

 49.8880, 15.1750,

5.8230

■ 28.2900, 13.9830,
5.3990

■ 7.7740, 15.4960,
5.5120

■ 229.7640, 21.4560,
7.6320

■ 229.7640, 21.4560,
7.6320

■ 211.6520, 36.6310,
13.4550

■ 247.4030, 6.2350,
2.6430

■ 194.0130, 51.8520,
18.4440

255.0000, -0.0000,
-0.0000

■ 175.9010, 67.0270,
24.2670

■ 158.2620, 82.2480,
29.2560

■ 140.1500, 97.4230,
35.0790

■ 122.5110,
112.6440, 40.0680

■ 104.3990,
127.8190, 45.8910

■ 86.7600, 143.0400,
50.8800

■ 76.2450, 151.9800,
54.0600

Harmonies

Analogous

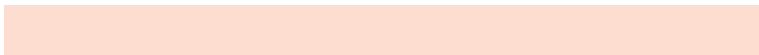
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.0500, 14.8990, 10.8270



229.7640, 21.4560, 7.6320



228.7870, 22.6490, 2.5290

Triad

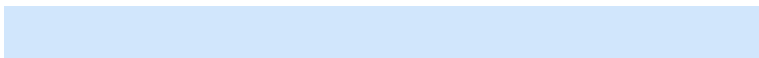
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.7640, 21.4560, 7.6320



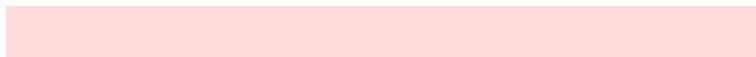
224.8110, -4.2620, -10.8700



226.2290, -19.5780, 2.3900

Complementary

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



229.7640, 21.4560, 7.6320



244.2360, -21.4560, -7.6320

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.



224.0170, -25.0330, -3.3770



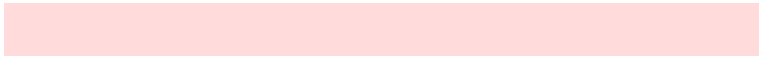
229.7640, 21.4560, 7.6320



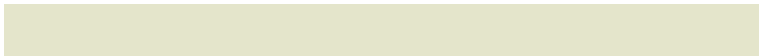
223.7650, -15.8160, -10.7280

Square

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



229.7640, 21.4560, 7.6320



225.7370, 7.7500, -8.2980



223.4530, -23.5650, -7.9570



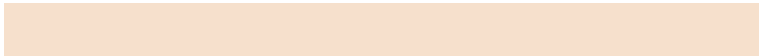
227.9640, -8.3460, 8.0860

Rectangle

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



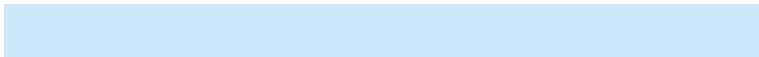
229.7640, 21.4560, 7.6320



228.2980, 19.5320, -1.5560



223.4530, -23.5650, -7.9570



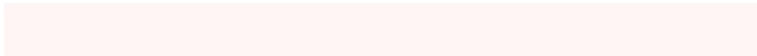
225.5060, -21.9160, 0.7080

Sweetspot

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



229.7640, 21.4560, 7.6320



247.9900, 5.9600, 2.1200



233.5690, 9.3040, 18.6160



123.0930, 4.1720, 1.4840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

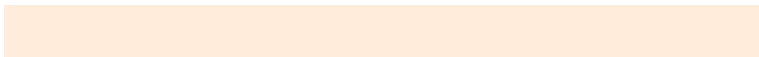
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.7640, 21.4560, 7.6320



224.8570, 25.6280, 9.1160



239.7430, 16.7810, -1.2590



118.8870, 7.7480, 2.7560



57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Inverse Universe

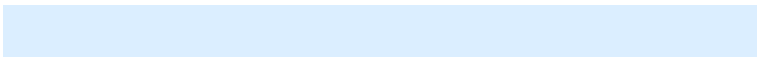
The Inverse Universe completely reimagines the original color for something new.



229.7640, 21.4560, 7.6320



224.8570, 25.6280, 9.1160



234.2570, -16.7810, 1.2590



118.8870, 7.7480, 2.7560



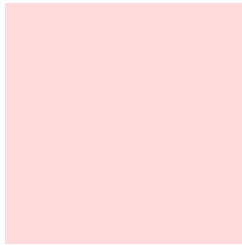
57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 229.7640, 21.4560, 7.6320 looks on a white background.

Color Contrast Check

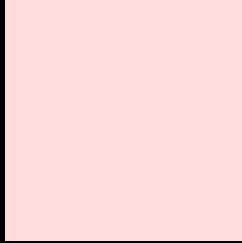
Large Text (above 18pt) WCAG AA × Fail

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 229.7640, 21.4560, 7.6320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

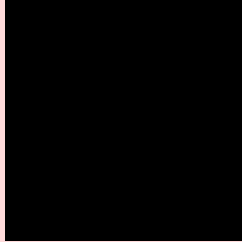
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

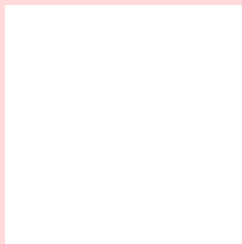
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.7640, 21.4560, 7.6320

Background



This preview shows how black text looks on a background with the YIQ color 229.7640, 21.4560, 7.6320.



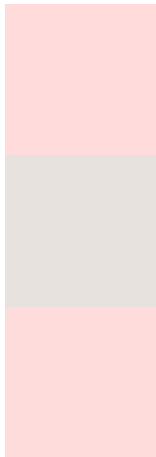
This preview shows how white text looks on a background with the YIQ color 229.7640, 21.4560,

7.6320.

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

229.7640, 21.4560, 7.6320

Protanopia

227.4520, 4.5390, 0.3390

Deuteranopia

229.7530, 19.9890, 6.6850



Tritanopia

230.1860, 17.5120, 13.0320

Trichromacy



Original Color

229.7640, 21.4560, 7.6320

Protanomaly

227.9690, 10.4530, 3.2930

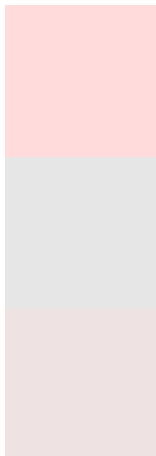
Deuteranomaly

230.0520, 20.5850, 6.8970

Tritanomaly

230.2030, 18.8420, 10.9540

Monochromacy



Original Color

229.7640, 21.4560, 7.6320

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

229.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.7640, 21.4560, 7.6320 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, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 219)  
}
```

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, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 219) }
```

Border

The CSS property to change the border of an element to YIQ 229.7640, 21.4560, 7.6320 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, 219, 219) }
```


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

```
.border{ border-color:rgb(255, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 229.7640, 21.4560, 7.6320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 219) }
```

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

```
.background{ background-color: rgb(255,  
219, 219) }
```

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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