

Converting Colors

YIQ(226.3100, 28.4260, 2.4580)

Have a look what the booklet for
YIQ(226.3100, 28.4260, 2.4580)
contains.

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Color

**YIQ(226.3100, 28.4260,
2.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C7
RGB	255, 217, 199
RGB Percent	100%, 85%, 78%
CMY	0.0000, 0.1491, 0.2195
CMYK	0.00, 0.15, 0.22, 0.00
HSL	19°, 100%, 89%
HSV	19°, 22%, 100%
XYZ	76.3613, 75.0025, 64.5048
YIQ	226.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

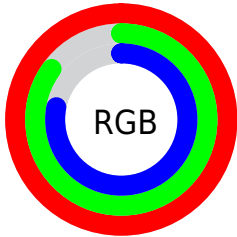
Format	Color
R _Y B	255, 226, 199
Decimal	16767431
CIE Lab	89.39, 10.53, 13.74
CIE LCh	89, 17.312, 52.532
Yxy	75.0025, 0.3537, 0.3474
Android (android.graphics.Color)	4294957511 (0xFFFFD9C7)
YUV	226.3100, -13.4638, 25.1611
Hunter-Lab	86.6040, 5.8318, 16.4621

Details

The YIQ color $226.3100, 28.4260, 2.4580$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $227.6900, -28.4260, -2.4580$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.8260, 26.9130, 2.3450$ is the 20% darker color. If you saturate the color by 10%, you get $213.4810, 41.1260, 3.5740$, and if you desaturate by 10%, it is $239.2530, 15.4050, 1.6530$.

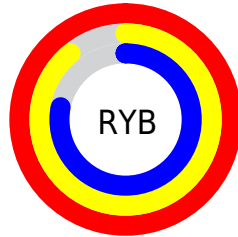
Distribution



Red (100%)

Green (85%)

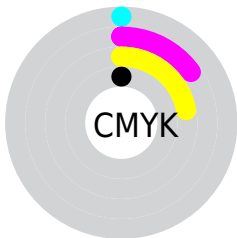
Blue (78%)



Red (100%)

Yellow (89%)

Blue (78%)

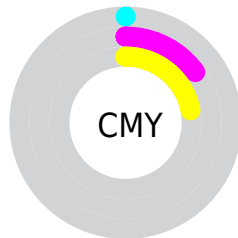


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 226.3100, 28.4260, 2.4580 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 226.3100, 28.4260, 2.4580 by changing the saturation by 10% instead.


 226.3100, 28.4260,
2.4580


 226.3100, 28.4260,
2.4580


255.0000, -0.0000,
-0.0000


 198.1250, 27.5090,
2.5570

 170.8260, 26.9130,
2.3450

 144.2280, 25.7210,
1.9210

 118.1570, 24.4830,
2.3310

 93.5590, 23.2910,
1.9070

 69.7760, 21.1820,
1.5820

 47.1780, 19.9900,

1.1580

■ 25.0100, 20.4030,
-0.8210

■ 5.3820, 10.7280,
3.8160

■ 226.3100, 28.4260,
2.4580

■ 226.3100, 28.4260,
2.4580

■ 213.4810, 41.1260,
3.5740

■ 239.2530, 15.4050,
1.6530

■ 199.9510, 54.4220,
4.9020

■ 252.6690, 2.4300,
0.0140

■ 187.1220, 67.1220,
6.0180

255.0000, -0.0000,
-0.0000

■ 174.1790, 80.1430,
6.8230

■ 160.7630, 93.1180,
8.4620

■ 147.8200,
106.1390, 9.2670

■ 134.9910,
118.8390, 10.3830

■ 124.3790,
129.4300, 11.1740

Harmonies

Analogous

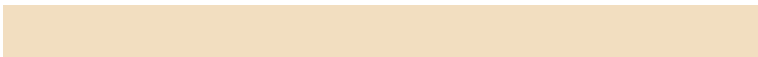
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.1450, 24.7570, 8.3810



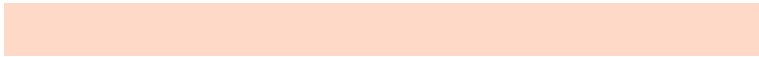
226.3100, 28.4260, 2.4580



224.5600, 21.5500, -5.0900

Triad

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



226.3100, 28.4260, 2.4580



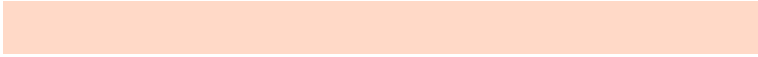
219.2480, -21.7300, -13.6820



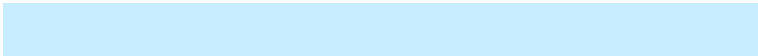
226.0610, -9.9970, 10.4750

Complementary

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



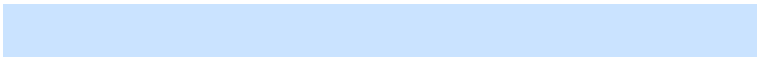
226.3100, 28.4260, 2.4580



227.6900, -28.4260, -2.4580

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.



222.7170, -23.8880, 3.4080



226.3100, 28.4260, 2.4580



218.7940, -31.9550, -10.0910

Square

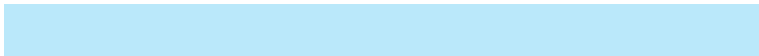
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.3100, 28.4260, 2.4580



220.7350, -7.1040, -14.4320



220.2980, -33.1940, -4.1540



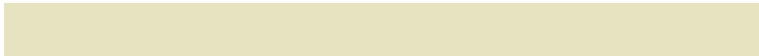
227.6670, 5.9120, 14.0080

Rectangle

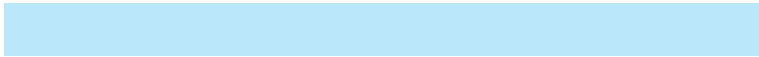
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.3100, 28.4260, 2.4580



223.6190, 13.8940, -9.5140



220.2980, -33.1940, -4.1540



225.1420, -14.7190, 7.9450

Sweetspot

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



226.3100, 28.4260, 2.4580



245.9040, 9.0780, 0.6780



220.0760, 21.1780, 23.6900



122.6370, 5.4560, 0.2400



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.



226.3100, 28.4260, 2.4580



221.0610, 33.5610, 3.0090



242.7460, 20.7260, -12.1860



121.2350, 6.6480, 0.6640



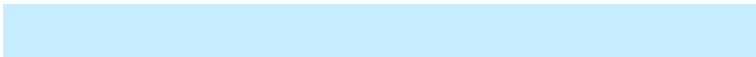
92.9160, 97.0610, 8.5890



30.8760, 32.6440, 3.1080

Inverse Universe

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



227.6900, -28.4260, -2.4580



222.9390, -33.5610, -3.0090



211.2540, -20.7260, 12.1860



121.1780, -6.3730, -0.1410



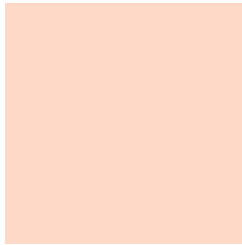
98.0840, -97.0610, -8.5890



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 226.3100, 28.4260, 2.4580 looks on a white background.

Color Contrast Check

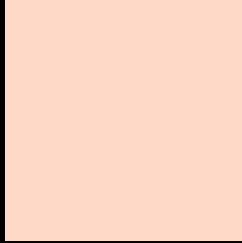
Large Text (above 18pt) WCAG AA × Fail

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 226.3100, 28.4260, 2.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

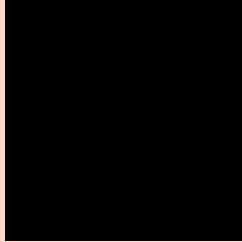
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 226.3100, 28.4260, 2.4580

Background



This preview shows how black text looks on a background with the YIQ color 226.3100, 28.4260, 2.4580.



This preview shows how white text looks on a background with the YIQ color 226.3100, 28.4260,

2.4580.

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

226.3100, 28.4260, 2.4580

Protanopia

224.5960, 12.7010, -4.4110

Deuteranopia

226.4240, 28.1050, 2.7690



Tritanopia

227.9690, 19.6210, 13.3570

Trichromacy



Original Color

226.3100, 28.4260, 2.4580

Protanomaly

225.1130, 18.6150, -1.4570

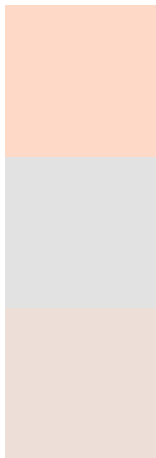
Deuteranomaly

226.4240, 28.1050, 2.7690

Tritanomaly

227.3020, 22.8770, 9.4130

Monochromacy



Original Color

226.3100, 28.4260, 2.4580

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

226.3880, 10.5910, 0.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.3100, 28.4260, 2.4580 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, 217, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 199)  
}
```

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, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 199) }
```

Border

The CSS property to change the border of an element to YIQ 226.3100, 28.4260, 2.4580 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, 217, 199) }
```


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

```
.border{ border-color:rgb(255, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 199); box-shadow:4px 4px 4px 4px rgb(255, 217, 199) }
```

Background

The CSS property to change the background color of an element to YIQ 226.3100, 28.4260, 2.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 199) }
```

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

```
.background{ background-color: rgb(255,  
217, 199) }
```

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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