

Converting Colors

YIQ(209.7430, 16.7810, -1.2590)

Have a look what the booklet for
YIQ(209.7430, 16.7810, -1.2590)
contains.

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Color

**YIQ(209.7430, 16.7810,
-1.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CEBD
RGB	225, 206, 189
RGB Percent	88%, 81%, 74%
CMY	0.1176, 0.1922, 0.2587
CMYK	0.00, 0.08, 0.16, 0.12
HSL	28°, 37%, 81%
HSV	28°, 16%, 88%
XYZ	62.3110, 63.8227, 57.1906
YIQ	209.7430, 16.7810, -1.2590

Conversions

Conversions Part 2

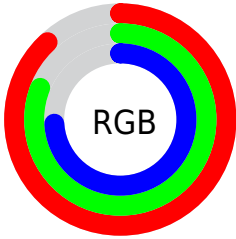
Format	Color
R _Y B	225, 221, 189
Decimal	14798525
CIE Lab	83.87, 3.87, 10.83
CIE LCh	84, 11.497, 70.346
Yxy	63.8227, 0.3399, 0.3481
Android (android.graphics.Color)	4292988605 (0xFFE1CEBD)
YUV	209.7430, -10.2263, 13.3804
Hunter-Lab	79.8891, -0.5816, 13.4782

Details

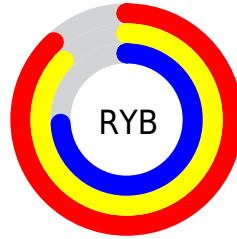
The YIQ color $209.7430, 16.7810, -1.2590$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.2570, -16.7810, 1.2590$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $155.2590, 15.2680, -1.3720$ is the 20% darker color. If you saturate the color by 10%, you get $200.1910, 27.1430, -1.8250$, and if you desaturate by 10%, it is $219.4090, 6.0980, -0.3820$.

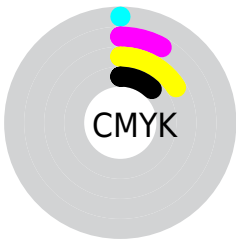
Distribution



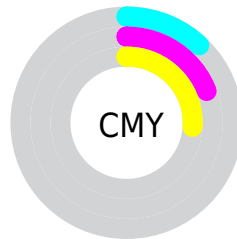
- Red (88%)
- Green (81%)
- Blue (74%)



- Red (88%)
- Yellow (87%)
- Blue (74%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (12%)




- Cyan (12%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.7430, 16.7810, -1.2590 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 209.7430, 16.7810, -1.2590 by changing the saturation by 10% instead.


 209.7430, 16.7810,
-1.2590


 209.7430, 16.7810,
-1.2590


255.0000, -0.0000,
-0.0000


 182.4440, 16.1850,
-1.4710


 253.8600, 3.2100,
-3.1100

 155.2590, 15.2680,
-1.3720

 129.2590, 15.2680,
-1.3720

 104.0740, 14.3510,
-1.2730

 79.8890, 13.4340,
-1.1740

 56.7040, 12.5170,
-1.0750

 35.1060, 11.3250,

-1.4990

■ 13.3450, 12.1500,
0.0700

■ 0.0000, 0.0000,
0.0000

■ 209.7430, 16.7810,
-1.2590

■ 209.7430, 16.7810,
-1.2590

■ 200.1910, 27.1430,
-1.8250

■ 219.4090, 6.0980,
-0.3820

■ 190.5250, 37.8260,
-2.7020

■ 228.9610, -4.2640,
0.1840

■ 180.9730, 48.1880,
-3.2680

■ 238.3990,
-14.3050, 0.4390

■ 171.3070, 58.8710,
-4.1450

■ 245.4430,
-17.6050, -5.8370

■ 162.3420, 68.9580,
-5.2340

■ 246.0300,
-17.8800, -6.3600

■ 152.6760, 79.6410,
-6.1110

■ 143.1240, 90.0030,
-6.6770

■ 133.4580,
100.6860, -7.5540

■ 129.4970,
104.9500, -7.7380

Harmonies

Analogous

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



210.8730, 19.5310, 3.9710



209.7430, 16.7810, -1.2590



208.6880, 9.4460, -5.9940

Triad

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



209.7430, 16.7810, -1.2590



205.7910, -18.7050, -7.9290



210.6830, -0.1850, 8.8630

Complementary

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



209.7430, 16.7810, -1.2590



204.2570, -16.7810, 1.2590

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.



209.3010, -10.9130, 5.0470



209.7430, 16.7810, -1.2590



206.3440, -21.6400, -4.2960

Square

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



209.7430, 16.7810, -1.2590



205.9290, -10.4060, -9.6540



207.3600, -18.5690, 0.6230



211.7720, 9.8100, 9.4420

Rectangle

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



209.7430, 16.7810, -1.2590



207.6980, 3.4860, -8.1140



207.3600, -18.5690, 0.6230



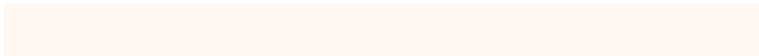
210.3020, -3.4860, 8.1140

Sweetspot

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



209.7430, 16.7810, -1.2590



249.4090, 6.0980, -0.3820



201.9300, 15.3570, 13.5410



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



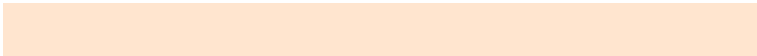
128.0000, -0.0000, -0.0000

Same Dimension

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



209.7430, 16.7810, -1.2590



234.2660, 22.5580, -1.3300



220.3090, 11.8310, -10.6730



107.2240, 5.1810, -0.2830



101.3450, 82.0710, -6.0970



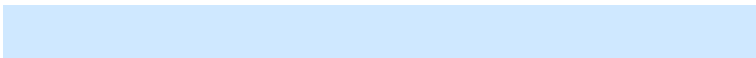
27.8530, 22.2830, -1.8530

Inverse Universe

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



204.2570, -16.7810, 1.2590



227.1470, -22.2830, 1.8530



193.6910, -11.8310, 10.6730



105.7760, -5.1810, 0.2830



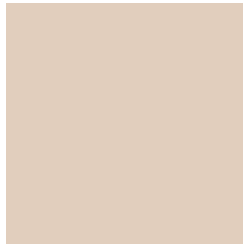
74.6550, -82.0710, 6.0970



20.7340, -22.5580, 1.3300

Previews

White Background



This preview shows how the YIQ color 209.7430, 16.7810, -1.2590 looks on a white background.

Color Contrast Check

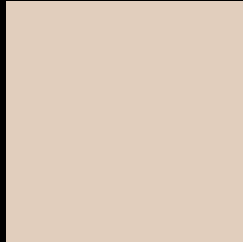
Large Text (above 18pt) WCAG AA × Fail

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 209.7430, 16.7810, -1.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

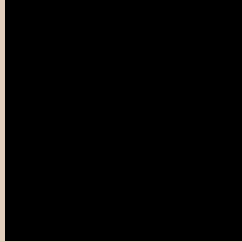
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.7430, 16.7810, -1.2590

Background



This preview shows how black text looks on a background with the YIQ color 209.7430, 16.7810, -1.2590.



This preview shows how white text looks on a background with the YIQ color 209.7430, 16.7810,

-1.2590.

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

209.7430, 16.7810, -1.2590

Protanopia

208.6390, 11.1420, -3.6900

Deuteranopia

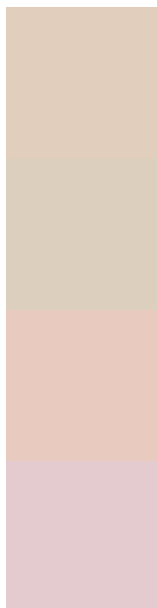
210.7980, 24.1160, 3.4760



Tritanopia

211.8970, 10.9560, 10.7000

Trichromacy



Original Color

209.7430, 16.7810, -1.2590

Protanomaly

208.9490, 13.2050, -2.5310

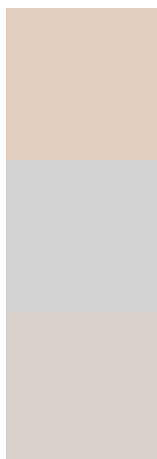
Deuteranomaly

210.1890, 21.4570, 2.1050

Tritanomaly

210.9310, 13.6160, 6.5440

Monochromacy



Original Color

209.7430, 16.7810, -1.2590

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9960, 5.8230, -0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.7430, 16.7810, -1.2590 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(225, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(225, 206, 189)  
}
```

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(225, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 206, 189) }
```

Border

The CSS property to change the border of an element to YIQ 209.7430, 16.7810, -1.2590 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(225, 206, 189) }
```


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

```
.border{ border-color:rgb(225, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 206, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 206, 189);  
box-shadow:4px 4px 4px 4px rgb(225, 206,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 209.7430, 16.7810, -1.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 206, 189) }
```

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

```
.background{ background-color: rgb(225,  
206, 189) }
```

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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