

Converting Colors

YIQ(215.9940, 17.3320, -5.7400)

Have a look what the booklet for
YIQ(215.9940, 17.3320, -5.7400)
contains.

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Color

**YIQ(215.9940, 17.3320,
-5.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D7BB
RGB	229, 215, 187
RGB Percent	90%, 84%, 73%
CMY	0.1019, 0.1569, 0.2666
CMYK	0.00, 0.06, 0.18, 0.10
HSL	40°, 45%, 82%
HSV	40°, 18%, 90%
XYZ	65.5854, 68.8454, 56.8584
YIQ	215.9940, 17.3320, -5.7400

Conversions

Conversions Part 2

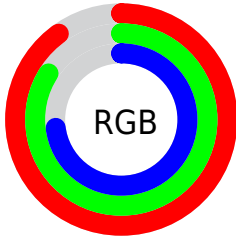
Format	Color
RYB	208, 229, 187
Decimal	15062971
CIELab	86.43, 0.34, 15.54
CIELCh	86, 15.547, 88.758
Yxy	68.8454, 0.3429, 0.3599
Android (android.graphics.Color)	4293253051 (0xFFE5D7BB)
YUV	215.9940, -14.2940, 11.4063
Hunter-Lab	82.9731, -4.1091, 17.4519

Details

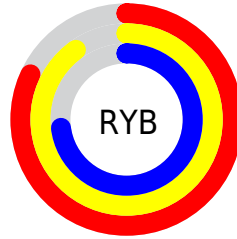
The YIQ color **215.9940, 17.3320, -5.7400** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **200.0060, -17.3320, 5.7400**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.6320, 3.8520, -3.7320**, and **160.9230, 16.0940, -5.3300** is the 20% darker color. If you saturate the color by 10%, you get **208.6760, 26.9150, -8.7090**, and if you desaturate by 10%, it is **223.3120, 7.7490, -2.7710**.

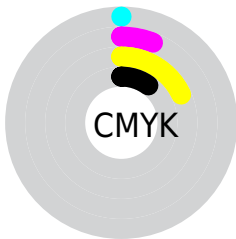
Distribution



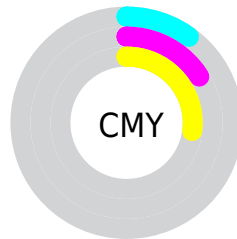
- Red (90%)
- Green (84%)
- Blue (73%)



- Red (82%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (10%)





- Cyan (10%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.9940, 17.3320, -5.7400 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 215.9940, 17.3320, -5.7400 by changing the saturation by 10% instead.


 215.9940, 17.3320,
-5.7400


 215.9940, 17.3320,
-5.7400


255.0000, -0.0000,
-0.0000


 188.1080, 17.0110,
-5.4290


 253.6320, 3.8520,
-3.7320

 160.9230, 16.0940,
-5.3300

 134.6240, 15.4980,
-5.5420

 109.4390, 14.5810,
-5.4430

 85.2540, 13.6640,
-5.3440

 62.0690, 12.7470,
-5.2450

 39.8840, 11.8300,

-5.1460

■ 19.2260, 10.8670,
-4.2130

■ 0.0000, 0.0000,
0.0000

■ 215.9940, 17.3320,
-5.7400

■ 215.9940, 17.3320,
-5.7400

■ 208.6760, 26.9150,
-8.7090

■ 223.3120, 7.7490,
-2.7710

■ 201.9450, 36.2230,
-12.2010

■ 230.0430, -1.5590,
0.7210

■ 194.6270, 45.8060,
-15.1700

■ 237.2470,
-10.8210, 3.3790

■ 187.3090, 55.3890,
-18.1390

■ 241.9430,
-13.0210, -0.8050

■ 180.6920, 64.3760,
-21.3200

■ 246.0520,
-14.9460, -4.4660

■ 173.3740, 73.9590,
-24.2890

■ 247.2260,
-15.4960, -5.5120

■ 166.6430, 83.2670,
-27.7810

■ 159.3250, 92.8500,
-30.7500

■ 158.2820, 94.4090,
-31.4710

Harmonies

Analogous

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



217.5160, 24.8500, 1.1860



215.9940, 17.3320, -5.7400



214.4870, 5.4580, -10.8140

Triad

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



215.9940, 17.3320, -5.7400



211.8160, -29.0210, -8.1970



218.8090, 8.3880, 13.1880

Complementary

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



215.9940, 17.3320, -5.7400



200.0060, -17.3320, 5.7400

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.



217.8010, -6.3290, 10.0790



215.9940, 17.3320, -5.7400



213.1030, -28.1510, -1.9350

Square

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



215.9940, 17.3320, -5.7400



211.3020, -21.8220, -12.0140



215.6960, -19.3950, 4.5810



219.2140, 20.3090, 11.9010

Rectangle

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



215.9940, 17.3320, -5.7400



212.8710, -4.4910, -12.2270



215.6960, -19.3950, 4.5810



218.9440, 3.5740, 12.3260

Sweetspot

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



215.9940, 17.3320, -5.7400



251.1700, 5.2730, -1.9510



201.2680, 20.2170, 13.5690



125.3270, 3.3930, -0.9190



0.0000, 0.0000, 0.0000



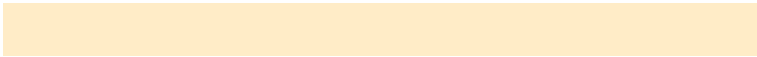
128.0000, -0.0000, -0.0000

Same Dimension

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



215.9940, 17.3320, -5.7400



237.4630, 23.2010, -7.4790



222.4180, 9.9060, -14.3340



111.2840, 4.9520, -1.6400



123.3740, 73.9590, -24.2890



35.2070, 21.0460, -6.9700

Inverse Universe

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



200.0060, -17.3320, 5.7400



216.5370, -23.2010, 7.4790



193.5820, -9.9060, 14.3340



106.7160, -4.9520, 1.6400



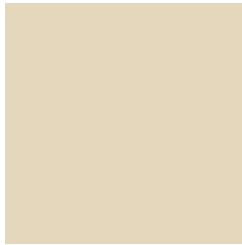
55.6260, -73.9590, 24.2890



15.7930, -21.0460, 6.9700

Previews

White Background



This preview shows how the YIQ color 215.9940, 17.3320, -5.7400 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 215.9940, 17.3320, -5.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

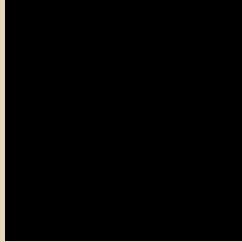
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

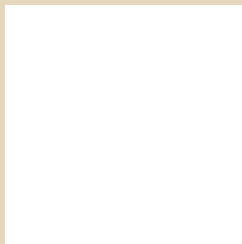
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.9940, 17.3320, -5.7400

Background



This preview shows how black text looks on a background with the YIQ color 215.9940, 17.3320, -5.7400.



This preview shows how white text looks on a background with the YIQ color 215.9940, 17.3320, -5.7400.

-5.7400.

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

215.9940, 17.3320, -5.7400

Protanopia

215.9830, 15.8650, -6.6870

Deuteranopia

217.3810, 29.6640, 2.0480



Tritanopia

218.4130, 9.4430, 10.5870

Trichromacy



Original Color

215.9940, 17.3320, -5.7400

Protanomaly

216.2820, 16.4610, -6.4750

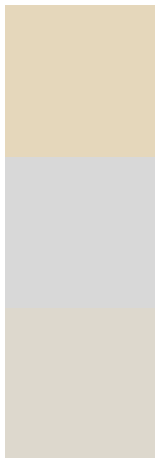
Deuteranomaly

217.0490, 24.6670, -1.0050

Tritanomaly

217.3930, 12.1950, 4.7630

Monochromacy



Original Color

215.9940, 17.3320, -5.7400

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2410, 6.5110, -2.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9940, 17.3320, -5.7400 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(229, 215, 187)` looks like.

```
.text, #text, p{  
    color:rgb(229, 215, 187)  
}
```

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(229, 215, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 215, 187) }
```

Border

The CSS property to change the border of an element to YIQ 215.9940, 17.3320, -5.7400 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(229, 215, 187) }
```


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

```
.border{ border-color:rgb(229, 215, 187) }
```

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

Here you see how a box with a 4 pixel rgb(229, 215, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 215, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 215, 187);  
box-shadow:4px 4px 4px 4px rgb(229, 215,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9940, 17.3320, -5.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 215, 187) }
```

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

```
.background{ background-color: rgb(229,  
215, 187) }
```

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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