

Converting Colors

YIQ(217.1250, 18.3410, -7.5070)

Have a look what the booklet for
YIQ(217.1250, 18.3410, -7.5070)
contains.

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Color

**YIQ(217.1250, 18.3410,
-7.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D9B8
RGB	230, 217, 184
RGB Percent	90%, 85%, 72%
CMY	0.0980, 0.1490, 0.2783
CMYK	0.00, 0.06, 0.20, 0.10
HSL	43°, 48%, 81%
HSV	43°, 20%, 90%
XYZ	66.0998, 69.9080, 55.3710
YIQ	217.1250, 18.3410, -7.5070

Conversions

Conversions Part 2

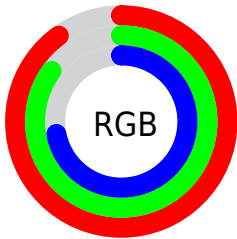
Format	Color
R _Y B	202, 230, 184
Decimal	15129016
CIE Lab	86.95, -0.77, 17.86
CIE LCh	87, 17.881, 92.471
Yxy	69.9080, 0.3454, 0.3653
Android (android.graphics.Color)	4293319096 (0xFFE6D9B8)
YUV	217.1250, -16.3306, 11.2914
Hunter-Lab	83.6110, -5.2038, 19.2632

Details

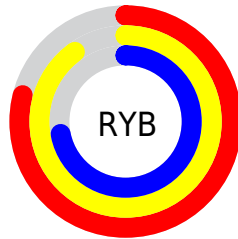
The YIQ color **217.1250, 18.3410, -7.5070** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **196.8750, -18.3410, 7.5070**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2900, 4.8150, -4.6650**, and **162.0540, 17.1030, -7.0970** is the 20% darker color. If you saturate the color by 10%, you get **210.3940, 27.6490, -10.9990**, and if you desaturate by 10%, it is **223.8560, 9.0330, -4.0150**.

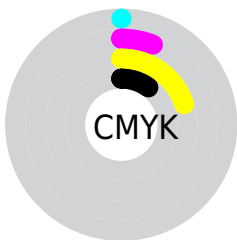
Distribution



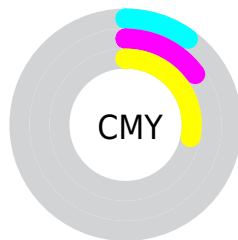
- Red (90%)
- Green (85%)
- Blue (72%)



- Red (79%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.1250, 18.3410, -7.5070 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 217.1250, 18.3410, -7.5070 by changing the saturation by 10% instead.

■ 217.1250, 18.3410,
-7.5070

■ 217.1250, 18.3410,
-7.5070

255.0000, -0.0000,
-0.0000

■ 189.2390, 18.0200,
-7.1960

■ 253.2900, 4.8150,
-4.6650

■ 162.0540, 17.1030,
-7.0970

■ 135.8690, 16.1860,
-6.9980

■ 110.5700, 15.5900,
-7.2100

■ 85.7980, 14.9480,
-6.5880

■ 62.6130, 14.0310,
-6.4890

■ 40.4280, 13.1140,

-6.3900

■ 20.4000, 10.3170,
-5.2590

■ 0.0000, 0.0000,
0.0000

■ 217.1250, 18.3410,
-7.5070

■ 217.1250, 18.3410,
-7.5070

■ 210.3940, 27.6490,
-10.9990

■ 223.8560, 9.0330,
-4.0150

■ 204.2500, 36.6820,
-15.0140

■ 230.0000, -0.0000,
0.0000

■ 197.5190, 45.9900,
-18.5060

■ 236.7310, -9.3080,
3.4920

■ 191.3750, 55.0230,
-22.5210

■ 240.4810,
-11.6000, 0.9760

■ 184.6440, 64.3310,
-26.0130

■ 244.5900,
-13.5250, -2.6850

■ 178.5000, 73.3640,
-30.0280

■ 247.5250,
-14.9000, -5.3000

■ 171.7690, 82.6720,
-33.5200

■ 165.6250, 91.7050,
-37.5350

Harmonies

Analogous

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



218.5440, 27.6470, 0.0550



217.1250, 18.3410, -7.5070



214.9490, 4.0370, -12.5950

Triad

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



217.1250, 18.3410, -7.5070



212.0650, -34.1560, -8.7480



220.8310, 11.3220, 15.0820

Complementary

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



217.1250, 18.3410, -7.5070



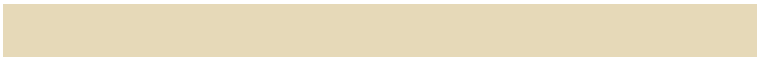
196.8750, -18.3410, 7.5070

Split Complementary

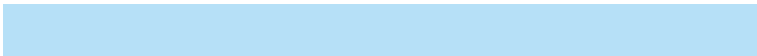
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.7520, -4.6330, 12.3830



217.1250, 18.3410, -7.5070



214.0640, -32.4150, -1.7510

Square

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



217.1250, 18.3410, -7.5070



212.0240, -26.9110, -13.3990



217.2660, -21.0000, 6.1360



221.0080, 23.8850, 13.1730

Rectangle

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



217.1250, 18.3410, -7.5070



213.7350, -7.1040, -14.4320



217.2660, -21.0000, 6.1360



221.0800, 6.1870, 14.5310

Sweetspot

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



217.1250, 18.3410, -7.5070



250.9420, 5.9150, -2.5730



199.2360, 23.2430, 13.7950



125.2130, 3.7140, -1.2300



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.



217.1250, 18.3410, -7.5070



238.0670, 24.2560, -10.0800



221.7660, 8.8060, -16.4260



111.8710, 4.6770, -2.1630



128.6570, 71.4840, -28.9960



36.9680, 20.2210, -8.5390

Inverse Universe

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



196.8750, -18.3410, 7.5070



210.9330, -24.2560, 10.0800



192.2340, -8.8060, 16.4260



106.7160, -4.9520, 1.6400



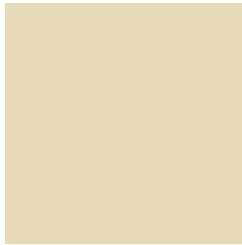
49.7560, -71.2090, 29.5190



14.0320, -20.2210, 8.5390

Previews

White Background



This preview shows how the YIQ color 217.1250, 18.3410, -7.5070 looks on a white background.

Color Contrast Check

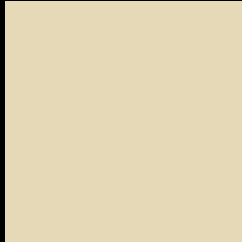
Large Text (above 18pt) WCAG AA × Fail

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 217.1250, 18.3410, -7.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

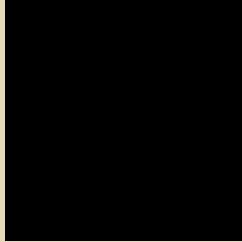
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.1250, 18.3410, -7.5070

Background



This preview shows how black text looks on a background with the YIQ color 217.1250, 18.3410, -7.5070.



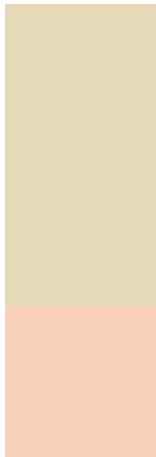
This preview shows how white text looks on a background with the YIQ color 217.1250, 18.3410,

-7.5070.

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

217.1250, 18.3410, -7.5070

Protanopia

216.8260, 17.7450, -7.7190

Deuteranopia

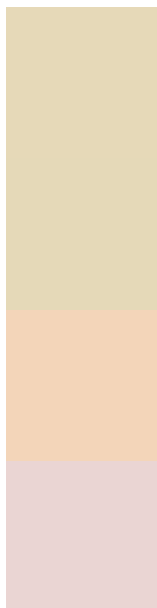
219.2240, 31.5440, 1.0160



Tritanopia

220.2990, 9.7640, 10.2760

Trichromacy



Original Color

217.1250, 18.3410, -7.5070

Protanomaly

216.8260, 17.7450, -7.7190

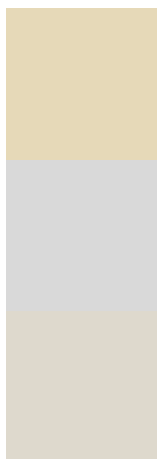
Deuteranomaly

218.7780, 26.8680, -2.3480

Tritanomaly

219.0510, 13.1580, 3.8300

Monochromacy



Original Color

217.1250, 18.3410, -7.5070

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.1270, 6.8320, -2.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.1250, 18.3410, -7.5070 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(230, 217, 184)` looks like.

```
.text, #text, p{  
    color:rgb(230, 217, 184)  
}
```

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(230, 217, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 217, 184) }
```

Border

The CSS property to change the border of an element to YIQ 217.1250, 18.3410, -7.5070 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(230, 217, 184) }
```


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

```
.border{ border-color:rgb(230, 217, 184) }
```

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

Here you see how a box with a 4 pixel rgb(230, 217, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 217, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 217, 184);  
box-shadow:4px 4px 4px 4px rgb(230, 217,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 217.1250, 18.3410, -7.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 217, 184) }
```

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

```
.background{ background-color: rgb(230,  
217, 184) }
```

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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