

Converting Colors

YIQ(217.0420, 17.3770, -1.0470)

Have a look what the booklet for
YIQ(217.0420, 17.3770, -1.0470)
contains.

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Color

**YIQ(217.0420, 17.3770,
-1.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D5C4
RGB	233, 213, 196
RGB Percent	91%, 84%, 77%
CMY	0.0862, 0.1647, 0.2313
CMYK	0.00, 0.09, 0.16, 0.09
HSL	28°, 46%, 84%
HSV	28°, 16%, 91%
XYZ	67.3657, 68.8959, 61.9847
YIQ	217.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

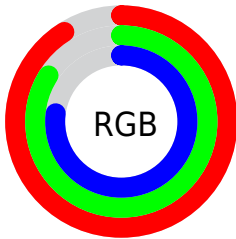
Format	Color
R _Y B	233, 227, 196
Decimal	15324612
CIE Lab	86.45, 4.19, 10.89
CIE LCh	86, 11.664, 68.943
Yxy	68.8959, 0.3398, 0.3475
Android (android.graphics.Color)	4293514692 (0xFFE9D5C4)
YUV	217.0420, -10.3737, 13.9952
Hunter-Lab	83.0036, -0.3858, 13.8264

Details

The YIQ color **217.0420, 17.3770, -1.0470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **211.9580, -17.3770, 1.0470**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7720, 0.6420, -0.6220**, and **161.8570, 16.4600, -0.9480** is the 20% darker color. If you saturate the color by 10%, you get **206.7890, 28.3350, -1.4010**, and if you desaturate by 10%, it is **227.2950, 6.4190, -0.6930**.

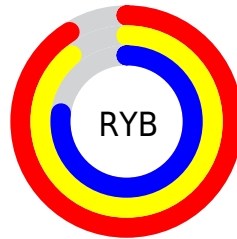
Distribution



Red (91%)

Green (84%)

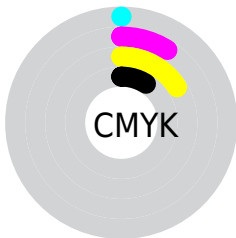
Blue (77%)



Red (91%)

Yellow (89%)

Blue (77%)

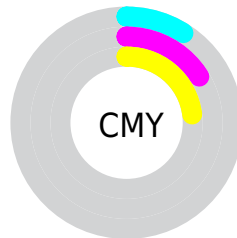


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.0420, 17.3770, -1.0470 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 217.0420, 17.3770, -1.0470 by changing the saturation by 10% instead.

217.0420, 17.3770,
-1.0470

217.0420, 17.3770,
-1.0470

255.0000, -0.0000,
-0.0000

189.1560, 17.0560,
-0.7360

254.7720, 0.6420,
-0.6220

161.8570, 16.4600,
-0.9480

135.6720, 15.5430,
-0.8490

110.3730, 14.9470,
-1.0610

86.1880, 14.0300,
-0.9620

62.8890, 13.4340,
-1.1740

40.7040, 12.5170,

-1.0750

■ 20.1340, 14.1220,
-2.6300

■ 0.0000, 0.0000,
0.0000

■ 217.0420, 17.3770,
-1.0470

■ 217.0420, 17.3770,
-1.0470

■ 206.7890, 28.3350,
-1.4010

■ 227.2950, 6.4190,
-0.6930

■ 197.0090, 39.3390,
-2.5890

■ 237.0750, -4.5850,
0.4950

■ 186.7560, 50.2970,
-2.9430

■ 246.0740,
-12.0120, -2.5720

■ 177.0900, 60.9800,
-3.8200

■ 248.4220,
-13.1120, -4.6640

■ 166.8370, 71.9380,
-4.1740

■ 156.4700, 83.2170,
-4.8390

■ 146.8040, 93.9000,
-5.7160

■ 136.5510,
104.8580, -6.0700

■ 132.4760,
109.4430, -6.5650

Harmonies

Analogous

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



217.8730, 19.5310, 3.9710



217.0420, 17.3770, -1.0470



215.9870, 10.0420, -5.7820

Triad

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



217.0420, 17.3770, -1.0470



212.6770, -18.3840, -8.2400



218.3840, -0.7810, 8.6510

Complementary

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



217.0420, 17.3770, -1.0470



211.9580, -17.3770, 1.0470

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.



216.4150, -11.2340, 5.3580



217.0420, 17.3770, -1.0470



213.3440, -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.



217.0420, 17.3770, -1.0470



213.2280, -9.8100, -9.4420



215.0610, -19.1650, 0.4110



218.8860, 9.4890, 9.7530

Rectangle

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



217.0420, 17.3770, -1.0470



214.9970, 4.0820, -7.9020



215.0610, -19.1650, 0.4110



217.7040, -4.6780, 7.6900

Sweetspot

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



217.0420, 17.3770, -1.0470



249.4090, 6.0980, -0.3820



209.3430, 15.6320, 14.0640



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



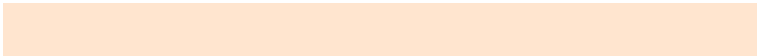
128.0000, -0.0000, -0.0000

Same Dimension

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



217.0420, 17.3770, -1.0470



234.2660, 22.5580, -1.3300



227.6080, 12.4270, -10.4610



112.2240, 5.1810, -0.2830



102.8400, 85.0510, -5.0370



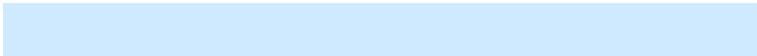
30.8210, 25.3090, -1.6270

Inverse Universe

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



211.9580, -17.3770, 1.0470



227.7340, -22.5580, 1.3300



201.3920, -12.4270, 10.4610



110.7760, -5.1810, 0.2830



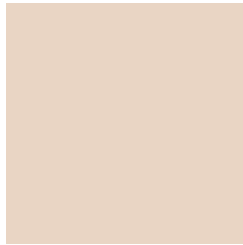
78.1600, -85.0510, 5.0370



23.1790, -25.3090, 1.6270

Previews

White Background



This preview shows how the YIQ color 217.0420, 17.3770, -1.0470 looks on a white background.

Color Contrast Check

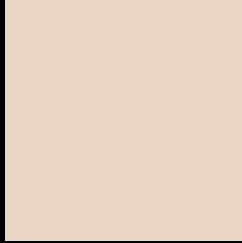
Large Text (above 18pt) WCAG AA × Fail

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 217.0420, 17.3770, -1.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

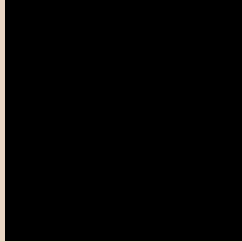
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.0420, 17.3770, -1.0470

Background



This preview shows how black text looks on a background with the YIQ color 217.0420, 17.3770, -1.0470.



This preview shows how white text looks on a background with the YIQ color 217.0420, 17.3770,

-1.0470.

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

217.0420, 17.3770, -1.0470

Protanopia

216.5250, 11.4630, -4.0010

Deuteranopia

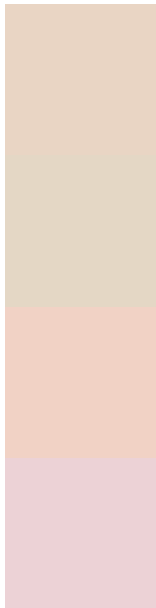
218.3960, 25.3080, 3.9000



Tritanopia

219.1960, 11.5520, 10.9120

Trichromacy



Original Color

217.0420, 17.3770, -1.0470

Protanomaly

216.8350, 13.5260, -2.8420

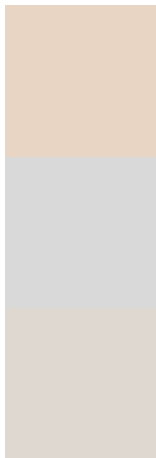
Deuteranomaly

217.7870, 22.6490, 2.5290

Tritanomaly

218.2300, 14.2120, 6.7560

Monochromacy



Original Color

217.0420, 17.3770, -1.0470

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.2950, 6.4190, -0.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0420, 17.3770, -1.0470 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(233, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 196)  
}
```

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(233, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 196) }
```

Border

The CSS property to change the border of an element to YIQ 217.0420, 17.3770, -1.0470 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(233, 213, 196) }
```


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

```
.border{ border-color:rgb(233, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0420, 17.3770, -1.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 196) }
```

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

```
.background{ background-color: rgb(233,  
213, 196) }
```

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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