

Converting Colors

YIQ(216.0400, 19.7180,
-15.9460)

Have a look what the booklet for
YIQ(216.0400, 19.7180, -15.9460)
contains.

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Color

**YIQ(216.0400, 19.7180,
-15.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DDA7
RGB	225, 221, 167
RGB Percent	88%, 87%, 65%
CMY	0.1177, 0.1333, 0.3450
CMYK	0.00, 0.02, 0.26, 0.12
HSL	56°, 49%, 77%
HSV	56°, 26%, 88%
XYZ	63.8833, 70.5097, 46.8168
YIQ	216.0400, 19.7180, -15.9460

Conversions

Conversions Part 2

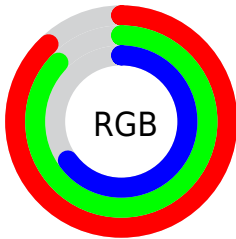
Format	Color
RYB	171, 225, 167
Decimal	14802343
CIELab	87.25, -7.05, 27.06
CIELCh	87, 27.960, 104.601
Yxy	70.5097, 0.3525, 0.3891
Android (android.graphics.Color)	4292992423 (0xFFE1DDA7)
YUV	216.0400, -24.1767, 7.8579
Hunter-Lab	83.9700, -11.1471, 25.7224

Details

The YIQ color **216.0400, 19.7180, -15.9460** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **175.9600, -19.7180, 15.9460**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.2380, 10.5930, -10.2630**, and **161.0830, 18.1590, -15.2250** is the 20% darker color. If you saturate the color by 10%, you get **212.3580, 27.3300, -21.7420**, and if you desaturate by 10%, it is **219.8360, 11.7850, -9.8390**.

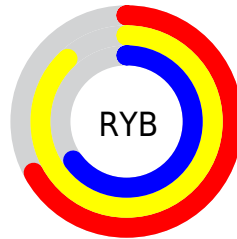
Distribution



Red (88%)

Green (87%)

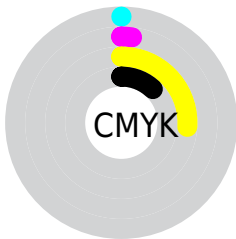
Blue (65%)



Red (67%)

Yellow (88%)

Blue (65%)

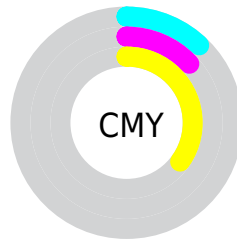


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.0400, 19.7180, -15.9460 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 216.0400, 19.7180, -15.9460 by changing the saturation by 10% instead.

■ 216.0400, 19.7180,
-15.9460

■ 216.0400, 19.7180,
-15.9460

■ 255.0000, -0.0000,
-0.0000

■ 188.1540, 19.3970,
-15.6350

■ 251.2380, 10.5930,
-10.2630

■ 161.0830, 18.1590,
-15.2250

■ 254.5440, 1.2840,
-1.2440

■ 134.8980, 17.2420,
-15.1260

■ 109.1260, 16.6000,
-14.5040

■ 84.9410, 15.6830,
-14.4050

■ 60.8700, 14.4450,
-13.9950

■ 38.9840, 14.1240,

-13.6840

■ 20.0680, 5.3200,
-8.3120

■ 0.0000, 0.0000,
0.0000

■ 216.0400, 19.7180,
-15.9460

■ 216.0400, 19.7180,
-15.9460

■ 212.3580, 27.3300,
-21.7420

■ 219.8360, 11.7850,
-9.8390

■ 209.1490, 34.9880,
-28.3720

■ 222.9310, 4.4480,
-3.5200

■ 205.4670, 42.6000,
-34.1680

■ 226.7270, -3.4850,
2.5870

■ 202.2580, 50.2580,
-40.7980

■ 229.5940,
-10.1800, 8.2840

■ 198.5760, 57.8700,
-46.5940

■ 230.7680,
-10.7300, 7.2380

■ 195.3670, 65.5280,
-53.2240

■ 231.3550,
-11.0050, 6.7150

■ 191.6850, 73.1400,
-59.0200

■ 232.5290,
-11.5550, 5.6690

■ 190.5450, 76.3500,
-62.1300

■ 233.1160,
-11.8300, 5.1460

■ 234.2900,
-12.3800, 4.1000

Harmonies

Analogous

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



218.6450, 37.3680, -5.4160



216.0400, 19.7180, -15.9460



212.6610, -4.2600, -21.9240

Triad

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



216.0400, 19.7180, -15.9460



208.3210, -58.3640, -10.5560



220.7940, 21.9120, 21.4000

Complementary

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



216.0400, 19.7180, -15.9460



175.9600, -19.7180, 15.9460

Split Complementary

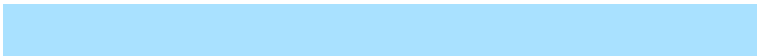
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.0400, 3.6640, 21.7120



216.0400, 19.7180, -15.9460



211.6760, -43.0060, -2.5420

Square

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



216.0400, 19.7180, -15.9460



207.0470, -52.0810, -19.8010



217.7440, -19.3500, 9.2740



217.1290, 30.8540, 13.5260

Rectangle

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



216.0400, 19.7180, -15.9460



210.7390, -22.0950, -23.5910



217.7440, -19.3500, 9.2740



222.9940, 18.4730, 23.1530

Sweetspot

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



216.0400, 19.7180, -15.9460



252.1330, 6.6950, -5.6970



184.9120, 32.9630, 13.8510



125.9310, 4.4480, -3.5200



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.



216.0400, 19.7180, -15.9460



243.0590, 26.7340, -21.9540



211.2120, 4.3140, -23.1260



110.1590, 3.8060, -2.8980



148.8920, 59.7960, -48.4600



40.7670, 16.2330, -13.3590

Inverse Universe

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



175.9600, -19.7180, 15.9460



187.9410, -26.7340, 21.9540



180.7880, -4.3140, 23.1260



102.8410, -3.8060, 2.8980



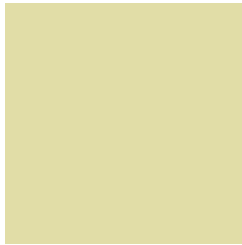
27.1080, -59.7960, 48.4600



7.2330, -16.2330, 13.3590

Previews

White Background



This preview shows how the YIQ color 216.0400, 19.7180, -15.9460 looks on a white background.

Color Contrast Check

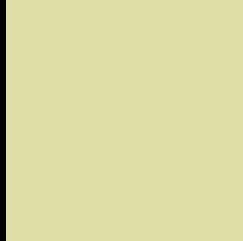
Large Text (above 18pt) WCAG AA × Fail

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 216.0400, 19.7180, -15.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

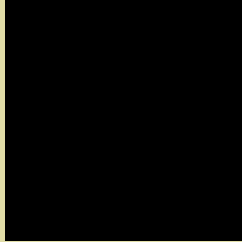
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.0400, 19.7180, -15.9460

Background



This preview shows how black text looks on a background with the YIQ color 216.0400, 19.7180, -15.9460.



This preview shows how white text looks on a background with the YIQ color 216.0400, 19.7180,

-15.9460.

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

216.0400, 19.7180, -15.9460

Protanopia

216.8560, 26.2280, -12.7800

Deuteranopia

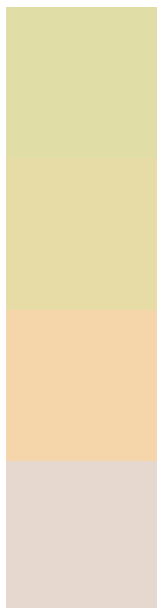
219.0090, 39.3390, -2.5890



Tritanopia

220.8040, 6.7840, 9.2160

Trichromacy



Original Color

216.0400, 19.7180, -15.9460

Protanomaly

216.5460, 24.1650, -13.9390

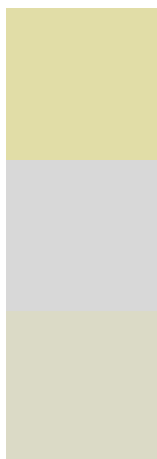
Deuteranomaly

217.9540, 32.0040, -7.3240

Tritanomaly

219.0460, 11.5540, -0.1420

Monochromacy



Original Color

216.0400, 19.7180, -15.9460

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.0190, 7.0160, -6.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0400, 19.7180, -15.9460 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, 221, 167)` looks like.

```
.text, #text, p{  
    color:rgb(225, 221, 167)  
}
```

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, 221, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 221, 167) }
```

Border

The CSS property to change the border of an element to YIQ 216.0400, 19.7180, -15.9460 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, 221, 167) }
```


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

```
.border{ border-color:rgb(225, 221, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 221, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 221, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 221, 167);  
box-shadow:4px 4px 4px 4px rgb(225, 221,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0400, 19.7180, -15.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 221, 167) }
```

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

```
.background{ background-color: rgb(225,  
221, 167) }
```

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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