

Converting Colors

YIQ(215.3300, 16.5060, -1.7820)

Have a look what the booklet for
YIQ(215.3300, 16.5060, -1.7820)
contains.

YIQ(215.3300, 16.5060, -1.7820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(215.3300, 16.5060,
-1.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D4C2
RGB	230, 212, 194
RGB Percent	90%, 83%, 76%
CMY	0.0980, 0.1686, 0.2391
CMYK	0.00, 0.08, 0.16, 0.10
HSL	30°, 42%, 83%
HSV	30°, 16%, 90%
XYZ	65.9172, 67.8034, 60.6640
YIQ	215.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

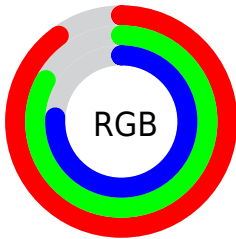
Format	Color
R _Y B	230, 230, 194
Decimal	15127746
CIE Lab	85.91, 3.32, 11.13
CIE LCh	86, 11.617, 73.397
Yxy	67.8034, 0.3391, 0.3488
Android (android.graphics.Color)	4293317826 (0xFFE6D4C2)
YUV	215.3300, -10.5157, 12.8656
Hunter-Lab	82.3428, -1.2070, 13.9596

Details

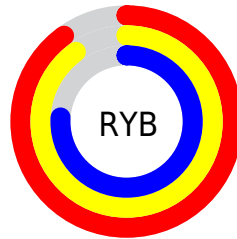
The YIQ color **215.3300, 16.5060, -1.7820** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208.6700, -16.5060, 1.7820**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **254.4300, 1.6050, -1.5550**, and **160.1450, 15.5890, -1.6830** is the 20% darker color. If you saturate the color by 10%, you get **205.6640, 27.1890, -2.6590**, and if you desaturate by 10%, it is **224.9960, 5.8230, -0.9050**.

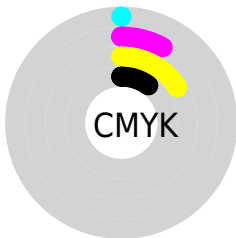
Distribution



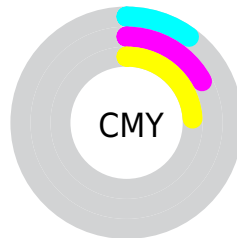
- Red (90%)
- Green (83%)
- Blue (76%)



- Red (90%)
- Yellow (90%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.3300, 16.5060, -1.7820 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 215.3300, 16.5060, -1.7820 by changing the saturation by 10% instead.

■ 215.3300, 16.5060,
-1.7820

■ 215.3300, 16.5060,
-1.7820

■ 255.0000, -0.0000,
-0.0000

■ 187.4440, 16.1850,
-1.4710

■ 254.5440, 1.2840,
-1.2440

■ 160.1450, 15.5890,
-1.6830

■ 133.9600, 14.6720,
-1.5840

■ 108.9600, 14.6720,
-1.5840

■ 84.4760, 13.1590,
-1.6970

■ 61.2910, 12.2420,
-1.5980

■ 39.1060, 11.3250,

-1.4990

■ 18.9490, 13.2050,
-2.5310

■ 0.0000, 0.0000,
0.0000

■ 215.3300, 16.5060,
-1.7820

■ 215.3300, 16.5060,
-1.7820

■ 205.6640, 27.1890,
-2.6590

■ 224.9960, 5.8230,
-0.9050

■ 196.5850, 37.5970,
-4.0590

■ 234.0750, -4.5850,
0.4950

■ 186.9190, 48.2800,
-4.9360

■ 242.8290,
-12.7000, -1.1160

■ 177.8400, 58.6880,
-6.3360

■ 247.5250,
-14.9000, -5.3000

■ 168.1740, 69.3710,
-7.2130

■ 159.0950, 79.7790,
-8.6130

■ 149.4290, 90.4620,
-9.4900

■ 140.3500,
100.8700, -10.8900

■ 136.2750,
105.4550, -11.3850

Harmonies

Analogous

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



216.3460, 19.5770, 3.1370



215.3300, 16.5060, -1.7820



214.2750, 9.1710, -6.5170

Triad

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



215.3300, 16.5060, -1.7820



210.9050, -19.0260, -7.6180



216.8680, 0.7320, 8.7640

Complementary

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



215.3300, 16.5060, -1.7820



208.6700, -16.5060, 1.7820

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.



215.0130, -10.0420, 5.7820



215.3300, 16.5060, -1.7820



211.7570, -21.3650, -3.7730

Square

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



215.3300, 16.5060, -1.7820



211.7440, -11.3230, -9.5550



213.7730, -18.2940, 1.1460



217.2560, 11.3230, 9.5550

Rectangle

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



215.3300, 16.5060, -1.7820



213.1000, 2.2940, -8.5380



213.7730, -18.2940, 1.1460



216.4870, -2.5690, 8.0150

Sweetspot

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



215.3300, 16.5060, -1.7820



249.9960, 5.8230, -0.9050



206.9300, 15.3570, 13.5410



124.7400, 3.6680, -0.3960



0.0000, 0.0000, 0.0000



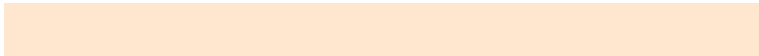
128.0000, -0.0000, -0.0000

Same Dimension

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



215.3300, 16.5060, -1.7820



235.4400, 22.0080, -2.3760



225.3090, 11.8310, -10.6730



110.1100, 5.5020, -0.5940



105.7640, 82.2090, -8.5990



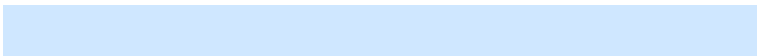
29.9240, 23.5210, -2.2630

Inverse Universe

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



208.6700, -16.5060, 1.7820



226.5600, -22.0080, 2.3760



198.6910, -11.8310, 10.6730



107.8900, -5.5020, 0.5940



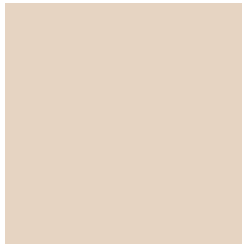
72.6490, -81.9340, 9.1220



21.0760, -23.5210, 2.2630

Previews

White Background



This preview shows how the YIQ color 215.3300, 16.5060, -1.7820 looks on a white background.

Color Contrast Check

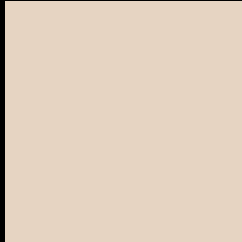
Large Text (above 18pt) WCAG AA × Fail

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 215.3300, 16.5060, -1.7820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

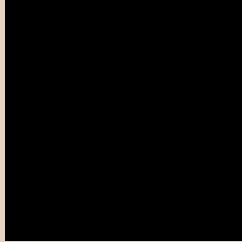
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

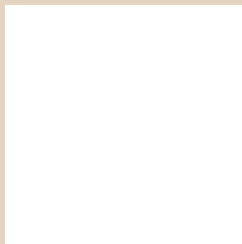
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.3300, 16.5060, -1.7820

Background



This preview shows how black text looks on a background with the YIQ color 215.3300, 16.5060, -1.7820.



This preview shows how white text looks on a background with the YIQ color 215.3300, 16.5060,

-1.7820.

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

215.3300, 16.5060, -1.7820

Protanopia

214.5250, 11.4630, -4.0010

Deuteranopia

216.3960, 25.3080, 3.9000



Tritanopia

217.5980, 10.3600, 10.4880

Trichromacy



Original Color

215.3300, 16.5060, -1.7820

Protanomaly

214.8350, 13.5260, -2.8420

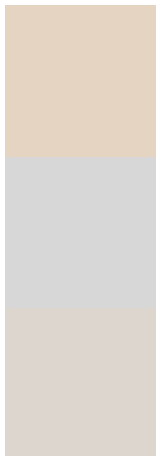
Deuteranomaly

216.0750, 21.7780, 1.7940

Tritanomaly

216.6320, 13.0200, 6.3320

Monochromacy



Original Color

215.3300, 16.5060, -1.7820

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.9960, 5.8230, -0.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.3300, 16.5060, -1.7820 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, 212, 194)` looks like.

```
.text, #text, p{  
    color:rgb(230, 212, 194)  
}
```

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, 212, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 212, 194) }
```

Border

The CSS property to change the border of an element to YIQ 215.3300, 16.5060, -1.7820 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, 212, 194) }
```


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

```
.border{ border-color:rgb(230, 212, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 212, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 212, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 212, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 212,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 215.3300, 16.5060, -1.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 212, 194) }
```

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

```
.background{ background-color: rgb(230,  
212, 194) }
```

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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