

Converting Colors

YIQ(222.4440, 16.1850, -1.4710)

Have a look what the booklet for
YIQ(222.4440, 16.1850, -1.4710)
contains.

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Color

**YIQ(222.4440, 16.1850,
-1.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDBCA
RGB	237, 219, 202
RGB Percent	93%, 86%, 79%
CMY	0.0706, 0.1412, 0.2078
CMYK	0.00, 0.08, 0.15, 0.07
HSL	29°, 49%, 86%
HSV	29°, 15%, 93%
XYZ	70.9203, 72.9302, 66.2284
YIQ	222.4440, 16.1850, -1.4710

Conversions

Conversions Part 2

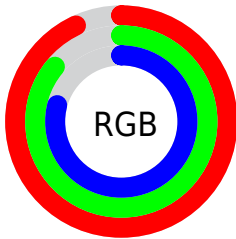
Format	Color
R _Y B	237, 235, 202
Decimal	15588298
CIE Lab	88.41, 3.44, 10.57
CIE LCh	88, 11.115, 71.963
Yxy	72.9302, 0.3376, 0.3472
Android (android.graphics.Color)	4293778378 (0xFFEDDBCA)
YUV	222.4440, -10.0789, 12.7656
Hunter-Lab	85.3992, -1.2120, 13.7991

Details

The YIQ color **222.4440, 16.1850, -1.4710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **216.5560, -16.1850, 1.4710**, and the grayscale version is **223.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **167.2590, 15.2680, -1.3720** is the 20% darker color. If you saturate the color by 10%, you get **212.6640, 27.1890, -2.6590**, and if you desaturate by 10%, it is **232.2240, 5.1810, -0.2830**.

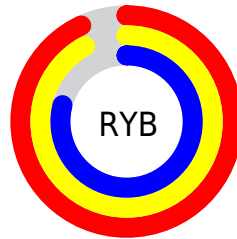
Distribution



Red (93%)

Green (86%)

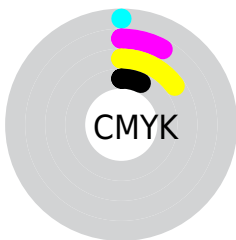
Blue (79%)



Red (93%)

Yellow (92%)

Blue (79%)

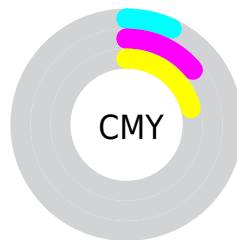


Cyan (0%)

Magenta (8%)

Yellow (15%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.4440, 16.1850, -1.4710 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 222.4440, 16.1850, -1.4710 by changing the saturation by 10% instead.

■ 222.4440, 16.1850,
-1.4710

■ 222.4440, 16.1850,
-1.4710

255.0000, -0.0000,
-0.0000

■ 194.5580, 15.8640,
-1.1600

■ 167.2590, 15.2680,
-1.3720

■ 140.9600, 14.6720,
-1.5840

■ 115.0740, 14.3510,
-1.2730

■ 90.8890, 13.4340,
-1.1740

■ 67.2910, 12.2420,
-1.5980

■ 45.1060, 11.3250,

-1.4990

■ 23.6500, 12.6090,
-2.7430

■ 0.0000, 0.0000,
0.0000

■ 222.4440, 16.1850,
-1.4710

■ 222.4440, 16.1850,
-1.4710

■ 212.6640, 27.1890,
-2.6590

■ 232.2240, 5.1810,
-0.2830

■ 202.9980, 37.8720,
-3.5360

■ 241.8900, -5.5020,
0.5940

■ 192.6310, 49.1510,
-4.2010

■ 249.6180,
-10.7280, -3.8160

■ 182.8510, 60.1550,
-5.3890

■ 173.1850, 70.8380,
-6.2660

■ 163.4050, 81.8420,
-7.4540

■ 153.6250, 92.8460,
-8.6420

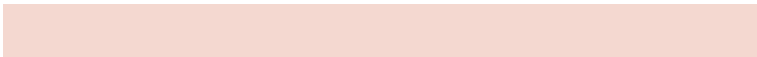
■ 143.2580,
104.1250, -9.3070

■ 138.3680,
109.6270, -9.9010

Harmonies

Analogous

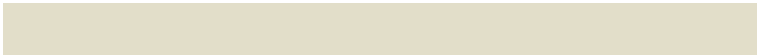
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.4600, 19.2560, 3.4480



222.4440, 16.1850, -1.4710



220.8020, 9.1250, -5.6830

Triad

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



222.4440, 16.1850, -1.4710



218.2040, -18.4300, -7.4060



223.5690, 0.1360, 8.5520

Complementary

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



222.4440, 16.1850, -1.4710



216.5560, -16.1850, 1.4710

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.



221.8990, -9.7210, 5.4710



222.4440, 16.1850, -1.4710



219.0560, -20.7690, -3.5610

Square

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



222.4440, 16.1850, -1.4710



219.0430, -10.7270, -9.3430



220.6590, -17.9730, 0.8350



224.0710, 10.4060, 9.6540

Rectangle

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



222.4440, 16.1850, -1.4710



220.5130, 2.5690, -8.0150



220.6590, -17.9730, 0.8350



223.1880, -3.1650, 7.8030

Sweetspot

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



222.4440, 16.1850, -1.4710



250.9250, 4.5850, -0.4950



214.5170, 15.0820, 13.0180



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



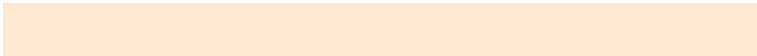
128.0000, -0.0000, -0.0000

Same Dimension

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



222.4440, 16.1850, -1.4710



235.6680, 21.3660, -1.7540



232.4230, 11.5100, -10.3620



112.2240, 5.1810, -0.2830



105.7750, 83.6760, -7.6520



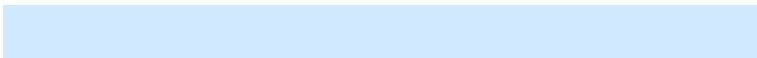
31.4080, 25.0340, -2.1500

Inverse Universe

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



216.5560, -16.1850, 1.4710



228.3320, -21.3660, 1.7540



206.5770, -11.5100, 10.3620



110.7760, -5.1810, 0.2830



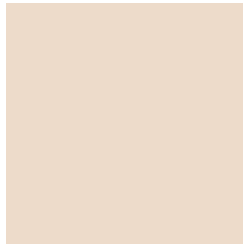
75.2250, -83.6760, 7.6520



22.5920, -25.0340, 2.1500

Previews

White Background



This preview shows how the YIQ color 222.4440, 16.1850, -1.4710 looks on a white background.

Color Contrast Check

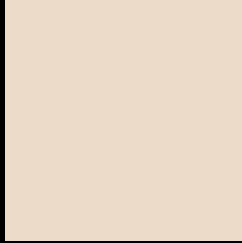
Large Text (above 18pt) WCAG AA × Fail

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 222.4440, 16.1850, -1.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

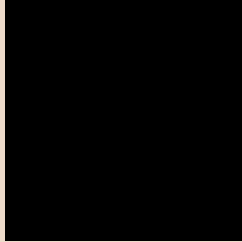
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

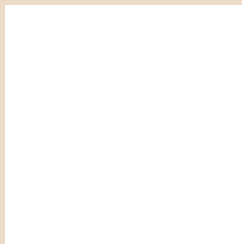
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 222.4440, 16.1850, -1.4710

Background



This preview shows how black text looks on a background with the YIQ color 222.4440, 16.1850, -1.4710.



This preview shows how white text looks on a background with the YIQ color 222.4440, 16.1850, -1.4710.

-1.4710.

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

222.4440, 16.1850, -1.4710

Protanopia

221.6390, 11.1420, -3.6900

Deuteranopia

223.5100, 24.9870, 4.2110



Tritanopia

224.5980, 10.3600, 10.4880

Trichromacy



Original Color

222.4440, 16.1850, -1.4710

Protanomaly

221.9490, 13.2050, -2.5310

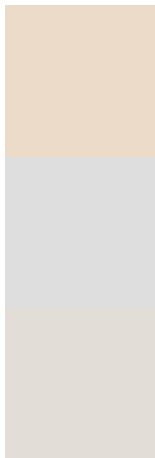
Deuteranomaly

223.1890, 21.4570, 2.1050

Tritanomaly

223.6320, 13.0200, 6.3320

Monochromacy



Original Color

222.4440, 16.1850, -1.4710

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.4440, 16.1850, -1.4710 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(237, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 202)  
}
```

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(237, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 202) }
```

Border

The CSS property to change the border of an element to YIQ 222.4440, 16.1850, -1.4710 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(237, 219, 202) }
```


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

```
.border{ border-color:rgb(237, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 222.4440, 16.1850, -1.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 202) }
```

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

```
.background{ background-color: rgb(237,  
219, 202) }
```

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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