

Converting Colors

YIQ(223.7860, 15.2220, -0.5380)

Have a look what the booklet for
YIQ(223.7860, 15.2220, -0.5380)
contains.

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Color

**YIQ(223.7860, 15.2220,
-0.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	EEDCCE
RGB	238, 220, 206
RGB Percent	93%, 86%, 81%
CMY	0.0666, 0.1373, 0.1921
CMYK	0.00, 0.08, 0.13, 0.07
HSL	26°, 48%, 87%
HSV	26°, 13%, 93%
XYZ	71.9968, 73.8182, 68.8578
YIQ	223.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

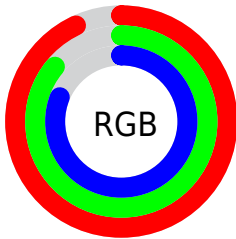
Format	Color
R _Y B	238, 231, 206
Decimal	15654094
CIE Lab	88.84, 3.91, 9.08
CIE LCh	89, 9.887, 66.733
Yxy	73.8182, 0.3354, 0.3439
Android (android.graphics.Color)	4293844174 (0xFFEEDCCE)
YUV	223.7860, -8.7685, 12.4657
Hunter-Lab	85.9175, -0.7769, 12.6248

Details

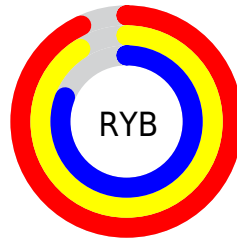
The YIQ color $223.7860, 15.2220, -0.5380$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $220.2140, -15.2220, 0.5380$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.6010, 14.3050, -0.4390$ is the 20% darker color. If you saturate the color by 10%, you get $213.4190, 26.5010, -1.2030$, and if you desaturate by 10%, it is $234.1530, 3.9430, 0.1270$.

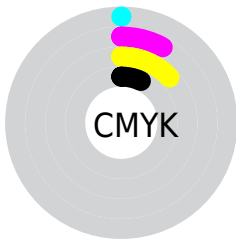
Distribution



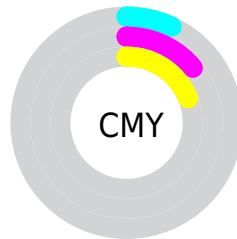
- Red (93%)
- Green (86%)
- Blue (81%)



- Red (93%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7860, 15.2220, -0.5380 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 223.7860, 15.2220, -0.5380 by changing the saturation by 10% instead.

■ 223.7860, 15.2220,
-0.5380

■ 223.7860, 15.2220,
-0.5380

255.0000, -0.0000,
-0.0000

■ 195.9000, 14.9010,
-0.2270

■ 168.6010, 14.3050,
-0.4390

■ 142.3020, 13.7090,
-0.6510

■ 116.4160, 13.3880,
-0.3400

■ 92.1170, 12.7920,
-0.5520

■ 67.9320, 11.8750,
-0.4530

■ 45.7470, 10.9580,

-0.3540

■ 25.1060, 11.3250,
-1.4990

■ 0.0000, 0.0000,
0.0000

■ 223.7860, 15.2220,
-0.5380

■ 223.7860, 15.2220,
-0.5380

■ 213.4190, 26.5010,
-1.2030

■ 234.1530, 3.9430,
0.1270

■ 202.4650, 38.0550,
-1.3450

■ 245.1070, -7.6110,
0.2690

■ 192.2120, 49.0130,
-1.6990

■ 249.9170,
-10.1320, -3.6040

■ 181.2580, 60.5670,
-1.8410

■ 170.8910, 71.8460,
-2.5060

■ 160.5240, 83.1250,
-3.1710

■ 149.5700, 94.6790,
-3.3130

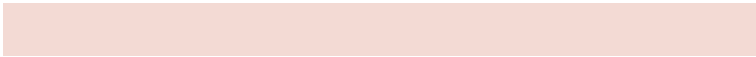
■ 139.3170,
105.6370, -3.6670

■ 132.2100,
113.2480, -3.9360

Harmonies

Analogous

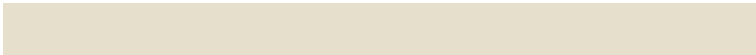
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.7910, 16.8260, 3.4340



223.7860, 15.2220, -0.5380



222.6280, 9.6750, -4.6370

Triad

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



223.7860, 15.2220, -0.5380



220.1720, -15.4040, -7.1800



224.4440, -1.0100, 7.2940

Complementary

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



223.7860, 15.2220, -0.5380



220.2140, -15.2220, 0.5380

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.



223.0730, -10.2710, 4.4250



223.7860, 15.2220, -0.5380



220.3120, -18.6140, -4.0700

Square

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



223.7860, 15.2220, -0.5380



220.5380, -7.7470, -8.2830



221.6160, -16.4140, 0.1140



225.4620, 7.7470, 8.2830

Rectangle

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



223.7860, 15.2220, -0.5380



221.9370, 4.3110, -6.5450



221.6160, -16.4140, 0.1140



224.0630, -4.3110, 6.5450

Sweetspot

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



223.7860, 15.2220, -0.5380



250.3380, 4.8600, 0.0280



217.6200, 13.2940, 12.3820



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



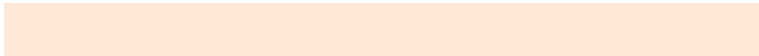
128.0000, -0.0000, -0.0000

Same Dimension

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



223.7860, 15.2220, -0.5380



236.8250, 19.4860, -0.7220



233.1780, 10.8220, -8.9060



114.5230, 5.7770, -0.0710



101.9760, 87.6640, -2.8320



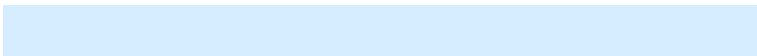
31.4190, 26.5010, -1.2030

Inverse Universe

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



220.2140, -15.2220, 0.5380



232.1750, -19.4860, 0.7220



210.8220, -10.8220, 8.9060



113.4770, -5.7770, 0.0710



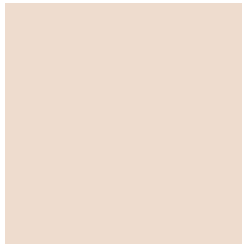
81.4370, -87.3890, 3.3550



25.1680, -26.7760, 0.6800

Previews

White Background



This preview shows how the YIQ color 223.7860, 15.2220, -0.5380 looks on a white background.

Color Contrast Check

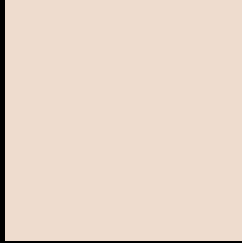
Large Text (above 18pt) WCAG AA × Fail

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 223.7860, 15.2220, -0.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

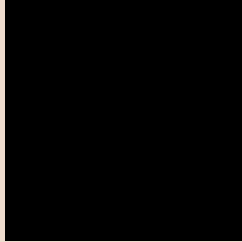
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 223.7860, 15.2220, -0.5380

Background



This preview shows how black text looks on a background with the YIQ color 223.7860, 15.2220, -0.5380.



This preview shows how white text looks on a background with the YIQ color 223.7860, 15.2220,

-0.5380.

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

223.7860, 15.2220, -0.5380

Protanopia

222.9810, 10.1790, -2.7570

Deuteranopia

224.8520, 24.0240, 5.1440



Tritanopia

225.7120, 10.0390, 10.7990

Trichromacy



Original Color

223.7860, 15.2220, -0.5380

Protanomaly

223.2910, 12.2420, -1.5980

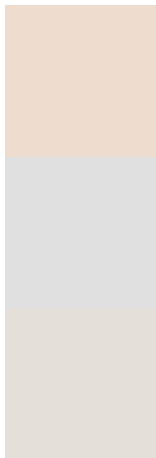
Deuteranomaly

224.5310, 20.4940, 3.0380

Tritanomaly

224.8600, 12.3780, 6.9540

Monochromacy



Original Color

223.7860, 15.2220, -0.5380

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7860, 15.2220, -0.5380 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(238, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(238, 220, 206)  
}
```

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(238, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 220, 206) }
```

Border

The CSS property to change the border of an element to YIQ 223.7860, 15.2220, -0.5380 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(238, 220, 206) }
```


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

```
.border{ border-color:rgb(238, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(238, 220,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7860, 15.2220, -0.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 220, 206) }
```

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

```
.background{ background-color: rgb(238,  
220, 206) }
```

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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