

Converting Colors

YIQ(225.4260, 7.4280, -2.4600)

Have a look what the booklet for
YIQ(225.4260, 7.4280, -2.4600)
contains.

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Color

**YIQ(225.4260, 7.4280,
-2.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1D5
RGB	231, 225, 213
RGB Percent	91%, 88%, 84%
CMY	0.0941, 0.1176, 0.1647
CMYK	0.00, 0.03, 0.08, 0.09
HSL	40°, 27%, 87%
HSV	40°, 8%, 91%
XYZ	71.8916, 75.6429, 73.7688
YIQ	225.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

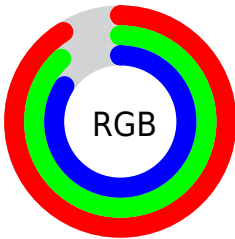
Format	Color
RYB	222, 231, 213
Decimal	15196629
CIELab	89.69, -0.01, 6.57
CIElCh	90, 6.572, 90.086
Yxy	75.6429, 0.3249, 0.3418
Android (android.graphics.Color)	4293386709 (0xFFE7E1D5)
YUV	225.4260, -6.1260, 4.8884
Hunter-Lab	86.9729, -4.6549, 10.5923

Details

The YIQ color $225.4260, 7.4280, -2.4600$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.5740, -7.4280, 2.4600$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.1270, 6.8320, -2.6720$ is the 20% darker color. If you saturate the color by 10%, you get $218.1080, 17.0110, -5.4290$, and if you desaturate by 10%, it is $232.7440, -2.1550, 0.5090$.

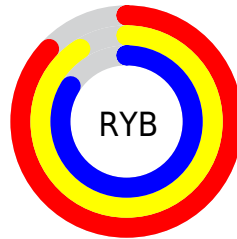
Distribution



Red (91%)

Green (88%)

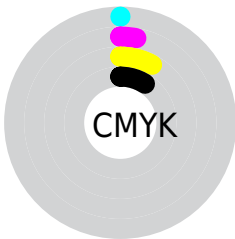
Blue (84%)



Red (87%)

Yellow (91%)

Blue (84%)

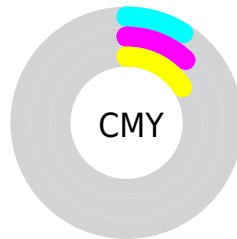


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.4260, 7.4280, -2.4600 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 225.4260, 7.4280, -2.4600 by changing the saturation by 10% instead.

■ 225.4260, 7.4280,
-2.4600

■ 225.4260, 7.4280,
-2.4600

255.0000, -0.0000,
-0.0000

■ 197.4260, 7.4280,
-2.4600

■ 170.1270, 6.8320,
-2.6720

■ 143.5400, 7.1070,
-2.1490

■ 118.2410, 6.5110,
-2.3610

■ 93.3550, 6.1900,
-2.0500

■ 70.0560, 5.5940,
-2.2620

■ 47.1700, 5.2730,

-1.9510

■ 26.8710, 4.6770,
-2.1630

■ 0.0000, 0.0000,
0.0000

■ 225.4260, 7.4280,
-2.4600

■ 225.4260, 7.4280,
-2.4600

■ 218.1080, 17.0110,
-5.4290

■ 232.7440, -2.1550,
0.5090

■ 211.3770, 26.3190,
-8.9210

■ 239.0190,
-10.1790, 2.7570

■ 204.0590, 35.9020,
-11.8900

■ 243.7150,
-12.3790, -1.4270

■ 196.7410, 45.4850,
-14.8590

■ 247.8240,
-14.3040, -5.0880

■ 189.4230, 55.0680,
-17.8280

■ 182.5780, 64.6970,
-21.6310

■ 175.2600, 74.2800,
-24.6000

■ 167.9420, 83.8630,
-27.5690

■ 161.2110, 93.1710,
-31.0610

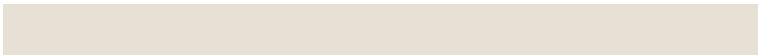
Harmonies

Analogous

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



226.2740, 10.9120, 0.4800



225.4260, 7.4280, -2.4600



224.7350, 2.0640, -4.3680

Triad

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



225.4260, 7.4280, -2.4600



223.5470, -11.9660, -3.4060



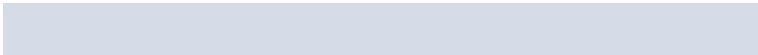
226.7280, 3.9420, 5.6540

Complementary

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



225.4260, 7.4280, -2.4600



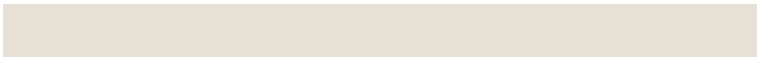
218.5740, -7.4280, 2.4600

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.



226.2650, -2.0640, 4.3680



225.4260, 7.4280, -2.4600



224.4270, -11.5080, -0.6920

Square

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



225.4260, 7.4280, -2.4600



223.4610, -8.8480, -4.8480



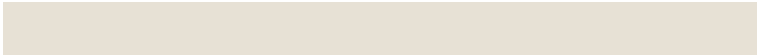
225.2750, -8.0240, 2.2480



226.6530, 8.5270, 5.1590

Rectangle

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



225.4260, 7.4280, -2.4600



224.0550, -1.8330, -5.3290



225.2750, -8.0240, 2.2480



226.9450, 1.8330, 5.3290

Sweetspot

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



225.4260, 7.4280, -2.4600



253.2560, 2.1550, -0.5090



219.0660, 8.8020, 5.6820



127.0710, 1.2380, -0.4100



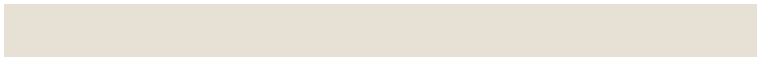
0.0000, 0.0000, 0.0000



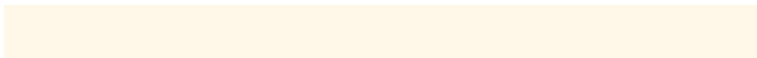
128.0000, -0.0000, -0.0000

Same Dimension

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



225.4260, 7.4280, -2.4600



247.6820, 9.5830, -2.9690



228.0510, 3.9900, -6.2340



111.2840, 4.9520, -1.6400



123.3740, 73.9590, -24.2890



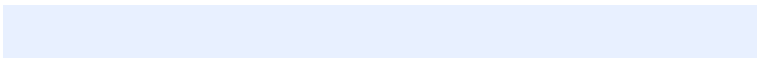
35.2070, 21.0460, -6.9700

Inverse Universe

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



218.5740, -7.4280, 2.4600



239.3180, -9.5830, 2.9690



215.9490, -3.9900, 6.2340



106.7160, -4.9520, 1.6400



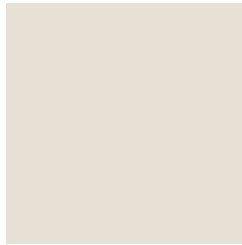
55.6260, -73.9590, 24.2890



15.7930, -21.0460, 6.9700

Previews

White Background



This preview shows how the YIQ color 225.4260, 7.4280, -2.4600 looks on a white background.

Color Contrast Check

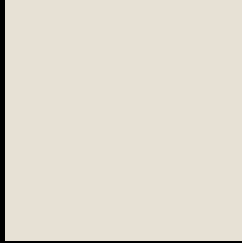
Large Text (above 18pt) WCAG AA × Fail

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 225.4260, 7.4280, -2.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

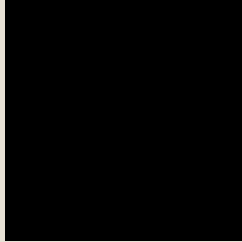
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 225.4260, 7.4280, -2.4600

Background



This preview shows how black text looks on a background with the YIQ color 225.4260, 7.4280, -2.4600.



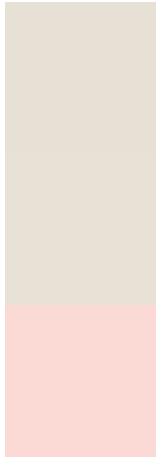
This preview shows how white text looks on a background with the YIQ color 225.4260, 7.4280, -2.4600.

-2.4600.

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

225.4260, 7.4280, -2.4600

Protanopia

225.7250, 8.0240, -2.2480

Deuteranopia

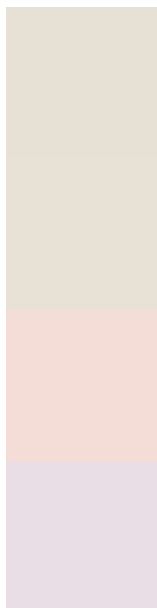
227.4110, 20.9520, 5.7520



Tritanopia

227.2380, 2.5660, 8.5660

Trichromacy



Original Color

225.4260, 7.4280, -2.4600

Protanomaly

225.7250, 8.0240, -2.2480

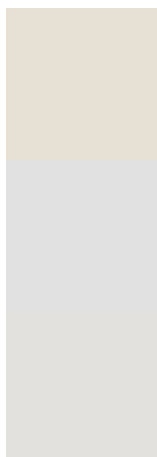
Deuteranomaly

227.0790, 15.9550, 2.6990

Tritanomaly

226.5000, 4.5840, 5.0320

Monochromacy



Original Color

225.4260, 7.4280, -2.4600

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

225.1420, 2.4760, -0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.4260, 7.4280, -2.4600 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(231, 225, 213)` looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 213)  
}
```

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(231, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 213) }
```

Border

The CSS property to change the border of an element to YIQ 225.4260, 7.4280, -2.4600 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(231, 225, 213) }
```


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

```
.border{ border-color:rgb(231, 225, 213) }
```

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

Here you see how a box with a 4 pixel rgb(231, 225, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 225.4260, 7.4280, -2.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 213) }
```

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

```
.background{ background-color: rgb(231,  
225, 213) }
```

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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