

Converting Colors

YIQ(242.4260, 7.4280, -2.4600)

Have a look what the booklet for
YIQ(242.4260, 7.4280, -2.4600)
contains.

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Color

**YIQ(242.4260, 7.4280,
-2.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F2E6
RGB	248, 242, 230
RGB Percent	97%, 95%, 90%
CMY	0.0274, 0.0510, 0.0980
CMYK	0.00, 0.02, 0.07, 0.03
HSL	40°, 56%, 94%
HSV	40°, 7%, 97%
XYZ	84.7477, 89.1732, 87.6157
YIQ	242.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

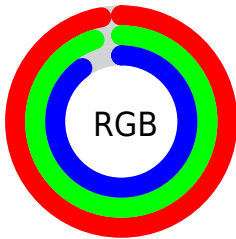
Format	Color
R _Y B	239, 248, 230
Decimal	16315110
CIE Lab	95.65, -0.02, 6.48
CIE LCh	96, 6.480, 90.147
Yxy	89.1732, 0.3240, 0.3410
Android (android.graphics.Color)	4294505190 (0xFFFF8F2E6)
YUV	242.4260, -6.1260, 4.8884
Hunter-Lab	94.4316, -5.0603, 11.0916

Details

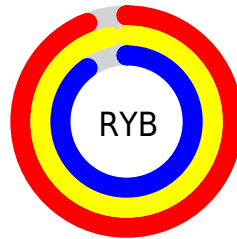
The YIQ color $242.4260, 7.4280, -2.4600$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.5740, -7.4280, 2.4600$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.5400, 7.1070, -2.1490$ is the 20% darker color. If you saturate the color by 10%, you get $234.8800, 17.6530, -6.0510$, and if you desaturate by 10%, it is $249.9720, -2.7970, 1.1310$.

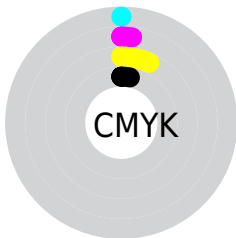
Distribution



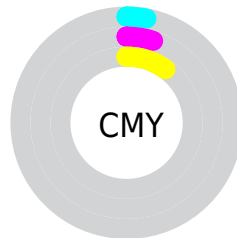
- Red (97%)
- Green (95%)
- Blue (90%)



- Red (94%)
- Yellow (97%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 242.4260, 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 242.4260, 7.4280, -2.4600 by changing the saturation by 10% instead.

■ 242.4260, 7.4280,
-2.4600

■ 242.4260, 7.4280,
-2.4600

255.0000, -0.0000,
-0.0000

■ 214.1270, 6.8320,
-2.6720

■ 186.5400, 7.1070,
-2.1490

■ 159.2410, 6.5110,
-2.3610

■ 133.2410, 6.5110,
-2.3610

■ 108.2410, 6.5110,
-2.3610

■ 83.4690, 5.8690,
-1.7390

■ 60.4690, 5.8690,

-1.7390

■ 39.1700, 5.2730,
-1.9510

■ 18.0130, 7.1530,
-2.9830

■ 242.4260, 7.4280,
-2.4600

■ 242.4260, 7.4280,
-2.4600

■ 234.8800, 17.6530,
-6.0510

■ 249.9720, -2.7970,
1.1310

■ 226.7470, 28.1530,
-9.1190

■ 252.9070, -4.1720,
-1.4840

■ 219.3150, 38.0570,
-12.3990

■ 211.7690, 48.2820,
-15.9900

■ 204.2230, 58.5070,
-19.5810

■ 196.0900, 69.0070,
-22.6490

■ 188.5440, 79.2320,
-26.2400

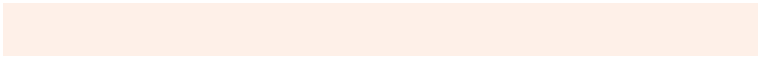
■ 181.1120, 89.1360,
-29.5200

■ 173.5660, 99.3610,
-33.1110

Harmonies

Analogous

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



243.2740, 10.9120, 0.4800



242.4260, 7.4280, -2.4600



241.7350, 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.



242.4260, 7.4280, -2.4600



240.5470, -11.9660, -3.4060



243.7280, 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.



242.4260, 7.4280, -2.4600



235.5740, -7.4280, 2.4600

Split Complementary

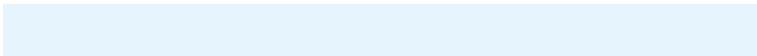
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2650, -2.0640, 4.3680



242.4260, 7.4280, -2.4600



241.4270, -11.5080, -0.6920

Square

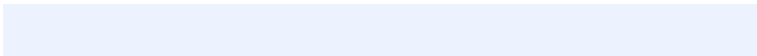
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.4260, 7.4280, -2.4600



240.4610, -8.8480, -4.8480



242.2750, -8.0240, 2.2480



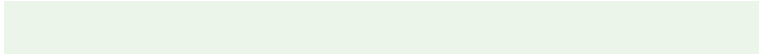
243.6530, 8.5270, 5.1590

Rectangle

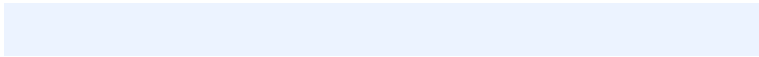
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.4260, 7.4280, -2.4600



241.0550, -1.8330, -5.3290



242.2750, -8.0240, 2.2480



243.9450, 1.8330, 5.3290

Sweetspot

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



242.4260, 7.4280, -2.4600



253.2560, 2.1550, -0.5090



236.0660, 8.8020, 5.6820



127.0710, 1.2380, -0.4100



0.0000, 0.0000, 0.0000



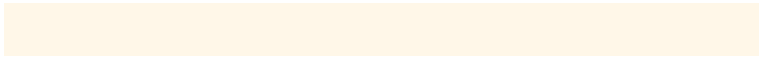
128.0000, -0.0000, -0.0000

Same Dimension

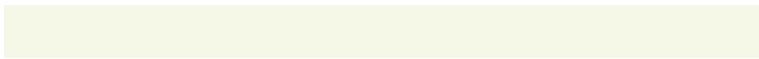
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.4260, 7.4280, -2.4600



247.6820, 9.5830, -2.9690



245.0510, 3.9900, -6.2340



121.1700, 5.2730, -1.9510



130.4730, 77.9940, -25.8300



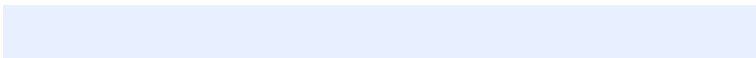
42.3060, 25.0810, -8.5110

Inverse Universe

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



235.5740, -7.4280, 2.4600



239.3180, -9.5830, 2.9690



232.9490, -3.9900, 6.2340



116.4170, -5.5480, 1.4280



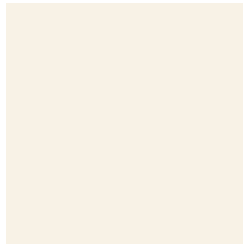
58.5270, -77.9940, 25.8300



18.6940, -25.0810, 8.5110

Previews

White Background



This preview shows how the YIQ color 242.4260, 7.4280, -2.4600 looks on a white background.

Color Contrast Check

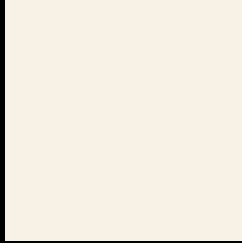
Large Text (above 18pt) WCAG AA × Fail

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 242.4260, 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

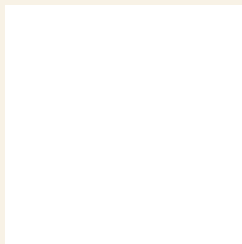
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 242.4260, 7.4280, -2.4600

Background



This preview shows how black text looks on a background with the YIQ color 242.4260, 7.4280, -2.4600.



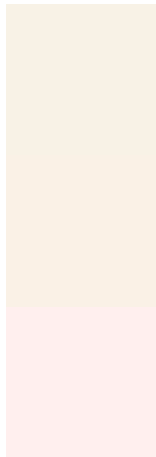
This preview shows how white text looks on a background with the YIQ color 242.4260, 7.4280, -2.4600.

-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

242.4260, 7.4280, -2.4600

Protanopia

242.4370, 8.8950, -1.5130

Deuteranopia

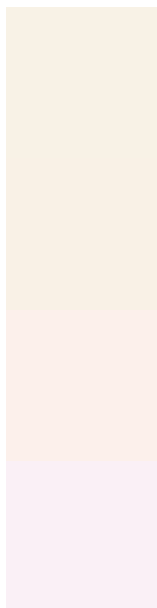
243.6700, 9.8570, 3.0810



Tritanopia

244.4120, 2.0160, 7.5200

Trichromacy



Original Color

242.4260, 7.4280, -2.4600

Protanomaly

242.1380, 8.2990, -1.7250

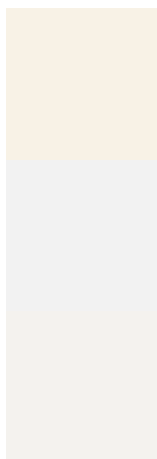
Deuteranomaly

243.0180, 8.7570, 0.9890

Tritanomaly

243.6740, 4.0340, 3.9860

Monochromacy



Original Color

242.4260, 7.4280, -2.4600

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.1420, 2.4760, -0.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.4260, 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(248, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 230)  
}
```

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(248, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 230) }
```

Border

The CSS property to change the border of an element to YIQ 242.4260, 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(248, 242, 230) }
```


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

```
.border{ border-color:rgb(248, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 242.4260, 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(248, 242, 230) }
```

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

```
.background{ background-color: rgb(248,  
242, 230) }
```

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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