

Converting Colors

YIQ(238.5560, 1.0100, -7.2940)

Have a look what the booklet for
YIQ(238.5560, 1.0100, -7.2940)
contains.

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Color

**YIQ(238.5560, 1.0100,
-7.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF3E1
RGB	235, 243, 225
RGB Percent	92%, 95%, 88%
CMY	0.0785, 0.0470, 0.1176
CMYK	0.03, 0.00, 0.07, 0.05
HSL	87°, 43%, 92%
HSV	87°, 7%, 95%
XYZ	79.9012, 87.2005, 83.8576
YIQ	238.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

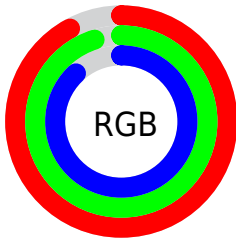
Format	Color
R _Y B	225, 243, 233
Decimal	15463393
CIE Lab	94.82, -5.80, 7.75
CIE LCh	95, 9.676, 126.795
Yxy	87.2005, 0.3184, 0.3475
Android (android.graphics.Color)	4293653473 (0xFFEBF3E1)
YUV	238.5560, -6.6831, -3.1186
Hunter-Lab	93.3812, -10.6844, 12.1236

Details

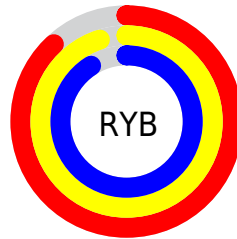
The YIQ color $238.5560, 1.0100, -7.2940$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.4440, -1.0100, 7.2940$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.6700, 0.6890, -6.9830$ is the 20% darker color. If you saturate the color by 10%, you get $232.5310, 2.1580, -17.0900$, and if you desaturate by 10%, it is $244.5810, -0.1380, 2.5020$.

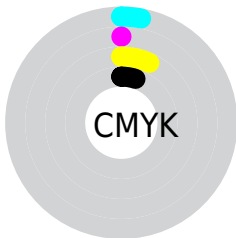
Distribution



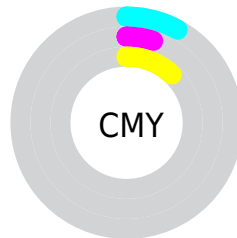
- Red (92%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)





- Cyan (8%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 238.5560, 1.0100, -7.2940 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 238.5560, 1.0100, -7.2940 by changing the saturation by 10% instead.


 238.5560, 1.0100,
-7.2940


 238.5560, 1.0100,
-7.2940


255.0000, -0.0000,
-0.0000


 210.5560, 1.0100,
-7.2940

 182.6700, 0.6890,
-6.9830

 155.6700, 0.6890,
-6.9830

 130.0830, 0.9640,
-6.4600

 104.7840, 0.3680,
-6.6720

 80.1970, 0.6430,
-6.1490

 57.6100, 0.9180,

-5.6260

■ 35.7240, 0.5970,
-5.3150

■ 14.4420, 1.3310,
-7.6050

■ 238.5560, 1.0100,
-7.2940

■ 238.5560, 1.0100,
-7.2940

■ 232.5310, 2.1580,
-17.0900

■ 244.5810, -0.1380,
2.5020

■ 226.3920, 3.6270,
-27.1970

■ 247.9560, 3.3000,
6.2760

■ 220.6660, 5.3710,
-36.7810

■ 214.6410, 6.5190,
-46.5770

■ 208.6160, 7.6670,
-56.3730

■ 202.4770, 9.1360,
-66.4800

■ 196.4520, 10.2840,
-76.2760

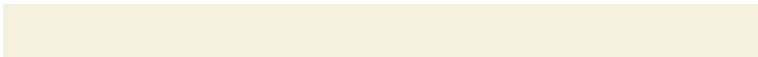
■ 190.4270, 11.4320,
-86.0720

■ 184.5870, 13.4970,
-95.9670

Harmonies

Analogous

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



239.7420, 9.3540, -4.3260



238.5560, 1.0100, -7.2940



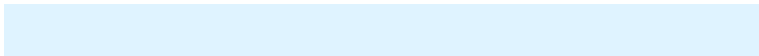
237.5380, -7.7470, -8.2830

Triad

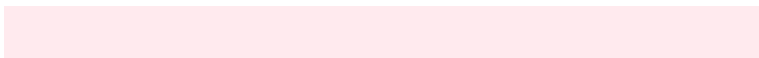
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.5560, 1.0100, -7.2940



238.3880, -15.7720, -0.5080



240.7350, 11.2320, 5.6960

Complementary

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



238.5560, 1.0100, -7.2940



229.4440, -1.0100, 7.2940

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.



242.4620, 7.7470, 8.2830



238.5560, 1.0100, -7.2940



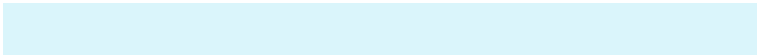
239.6170, -8.9870, 3.1810

Square

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



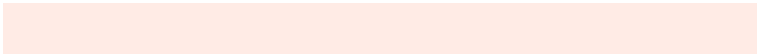
238.5560, 1.0100, -7.2940



237.6110, -18.0180, -3.8580



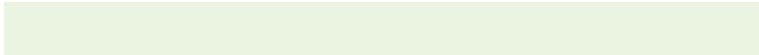
241.4440, -1.0100, 7.2940



240.2960, 13.8460, 2.3740

Rectangle

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



238.5560, 1.0100, -7.2940



237.4280, -13.2490, -7.6890



241.4440, -1.0100, 7.2940



241.0770, 10.2690, 6.6290

Sweetspot

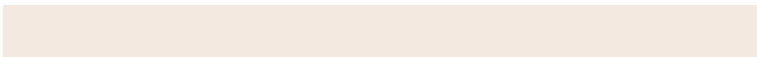
The Sweet Spot groups the original color and five complimentary colors.



238.5560, 1.0100, -7.2940



253.8320, 0.4130, -1.9790



235.0780, 8.5280, -0.3680



127.0600, -0.2290, -1.3570



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.



238.5560, 1.0100, -7.2940



249.3880, 1.4230, -9.2730



235.8650, -4.3540, -9.2020



119.1370, 0.8720, -4.7920



139.9790, 10.2380, -75.4420



44.5000, 3.4430, -23.8610

Inverse Universe

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



229.4440, -1.0100, 7.2940



237.6120, -1.4230, 9.2730



232.1350, 4.3540, 9.2020



113.1620, -0.2760, 5.0040



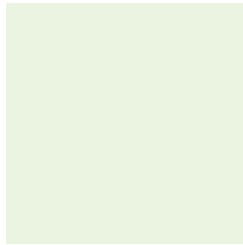
46.0210, -10.2380, 75.4420



14.5000, -3.4430, 23.8610

Previews

White Background



This preview shows how the YIQ color 238.5560, 1.0100, -7.2940 looks on a white background.

Color Contrast Check

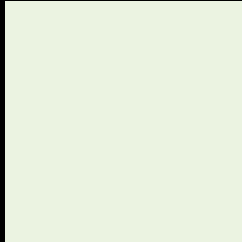
Large Text (above 18pt) WCAG AA × Fail

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 238.5560, 1.0100, -7.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

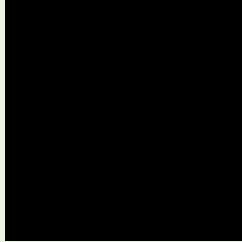
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

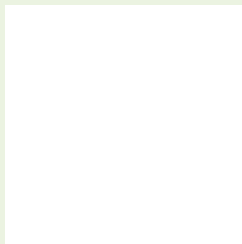
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.5560, 1.0100, -7.2940

Background



This preview shows how black text looks on a background with the YIQ color 238.5560, 1.0100, -7.2940.



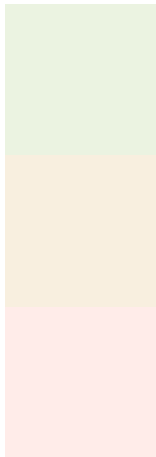
This preview shows how white text looks on a background with the YIQ color 238.5560, 1.0100, -7.2940.

-7.2940.

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

238.5560, 1.0100, -7.2940

Protanopia

239.8670, 10.5000, -3.0680

Deuteranopia

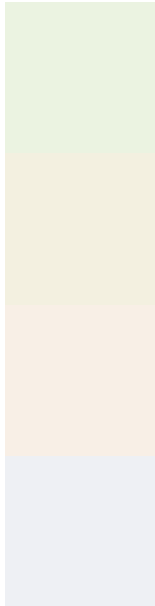
241.3390, 12.2870, 3.0950



Tritanopia

240.5360, -4.2650, 5.7110

Trichromacy



Original Color

238.5560, 1.0100, -7.2940

Protanomaly

239.0730, 6.9240, -4.3400

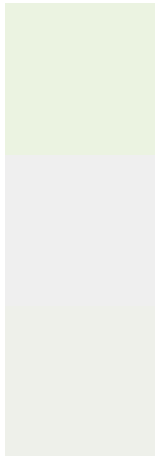
Deuteranomaly

240.6650, 8.2530, -0.8910

Tritanomaly

239.8580, -2.4760, 0.8200

Monochromacy



Original Color

238.5560, 1.0100, -7.2940

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.7180, 0.7340, -2.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.5560, 1.0100, -7.2940 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(235, 243, 225)` looks like.

```
.text, #text, p{  
    color:rgb(235, 243, 225)  
}
```

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(235, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 243, 225) }
```

Border

The CSS property to change the border of an element to YIQ 238.5560, 1.0100, -7.2940 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(235, 243, 225) }
```


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

```
.border{ border-color:rgb(235, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 243, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 243, 225);  
box-shadow:4px 4px 4px 4px rgb(235, 243,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 238.5560, 1.0100, -7.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 243, 225) }
```

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

```
.background{ background-color: rgb(235,  
243, 225) }
```

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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