

Converting Colors

YIQ(237.5620, 10.0410, -0.2550)

Have a look what the booklet for
YIQ(237.5620, 10.0410, -0.2550)
contains.

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Color

**YIQ(237.5620, 10.0410,
-0.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBE2
RGB	247, 235, 226
RGB Percent	97%, 92%, 89%
CMY	0.0313, 0.0784, 0.1137
CMYK	0.00, 0.05, 0.08, 0.03
HSL	26°, 57%, 93%
HSV	26°, 8%, 97%
XYZ	81.7958, 84.6806, 83.9940
YIQ	237.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

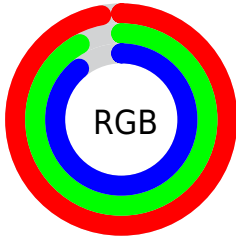
Format	Color
R _Y B	247, 242, 226
Decimal	16247778
CIE Lab	93.75, 2.55, 5.79
CIE LCh	94, 6.328, 66.221
Yxy	84.6806, 0.3266, 0.3381
Android (android.graphics.Color)	4294437858 (0xFF7EBE2)
YUV	237.5620, -5.7001, 8.2771
Hunter-Lab	92.0221, -2.3750, 10.2980

Details

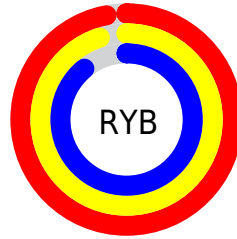
The YIQ color $237.5620, 10.0410, -0.2550$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.4380, -10.0410, 0.2550$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.6760, 9.7200, 0.0560$ is the 20% darker color. If you saturate the color by 10%, you get $226.4940, 21.9160, -0.7080$, and if you desaturate by 10%, it is $248.6300, -1.8340, 0.1980$.

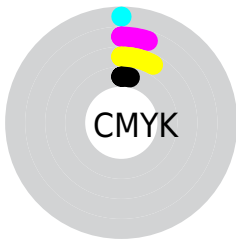
Distribution



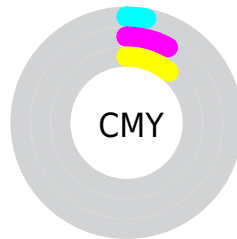
- Red (97%)
- Green (92%)
- Blue (89%)



- Red (97%)
- Yellow (95%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.5620, 10.0410, -0.2550 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 237.5620, 10.0410, -0.2550 by changing the saturation by 10% instead.

237.5620, 10.0410,
-0.2550

237.5620, 10.0410,
-0.2550

255.0000, -0.0000,
-0.0000

209.2630, 9.4450,
-0.4670

181.6760, 9.7200,
0.0560

154.9640, 8.8490,
-0.6790

129.0780, 8.5280,
-0.3680

104.0780, 8.5280,
-0.3680

79.7790, 7.9320,
-0.5800

56.8930, 7.6110,

-0.2690

■ 35.5940, 7.0150,
-0.4810

■ 13.0350, 10.0870,
-1.0890

■ 237.5620, 10.0410,
-0.2550

■ 237.5620, 10.0410,
-0.2550

■ 226.4940, 21.9160,
-0.7080

■ 248.6300, -1.8340,
0.1980

■ 215.5400, 33.4700,
-0.8500

■ 252.6080, -4.7680,
-1.6960

■ 204.4720, 45.3450,
-1.3030

■ 192.8170, 57.4950,
-1.2330

■ 181.8630, 69.0490,
-1.3750

■ 170.7950, 80.9240,
-1.8280

■ 159.7270, 92.7990,
-2.2810

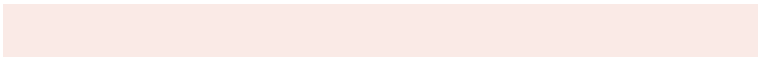
■ 148.6590,
104.6740, -2.7340

■ 137.7050,
116.2280, -2.8760

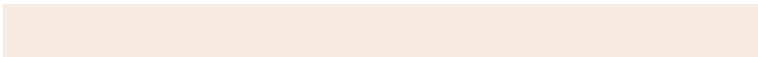
Harmonies

Analogous

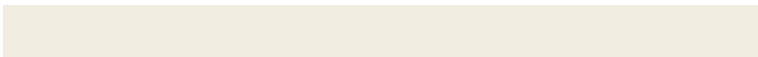
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3280, 10.8200, 2.1480



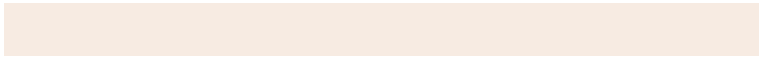
237.5620, 10.0410, -0.2550



236.8280, 6.2360, -2.8840

Triad

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



237.5620, 10.0410, -0.2550



235.2760, -9.7650, -4.7490



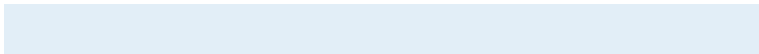
237.8630, -0.8720, 4.7920

Complementary

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



237.5620, 10.0410, -0.2550



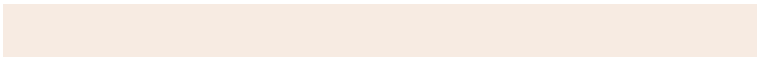
235.4380, -10.0410, 0.2550

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.



236.8730, -6.8320, 2.6720



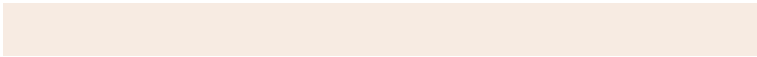
237.5620, 10.0410, -0.2550



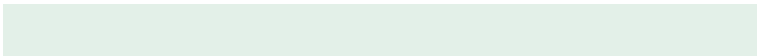
235.3730, -11.4160, -2.3600

Square

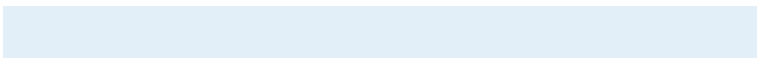
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.5620, 10.0410, -0.2550



235.2010, -5.1800, -5.2440



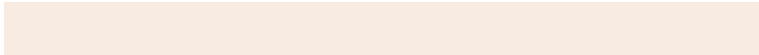
236.1390, -10.6370, 0.0430



238.5000, 4.5840, 5.0320

Rectangle

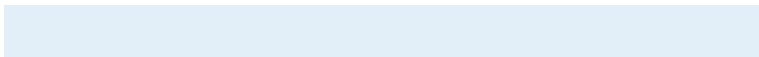
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.5620, 10.0410, -0.2550



236.0340, 2.6600, -4.1560



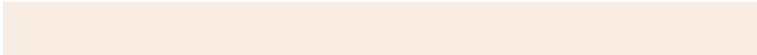
236.1390, -10.6370, 0.0430



237.6670, -3.2560, 3.9440

Sweetspot

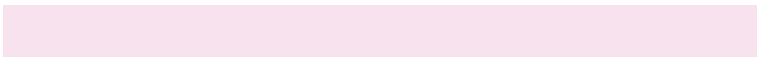
The Sweet Spot groups the original color and five complimentary colors.



237.5620, 10.0410, -0.2550



251.7400, 3.6680, -0.3960



233.6470, 8.6640, 8.1840



125.5550, 2.7510, -0.2970



0.0000, 0.0000, 0.0000



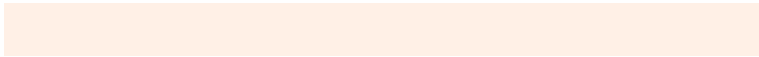
128.0000, -0.0000, -0.0000

Same Dimension

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



237.5620, 10.0410, -0.2550



243.3450, 12.1500, 0.0700



243.4320, 7.2910, -5.4850



116.5230, 5.7770, -0.0710



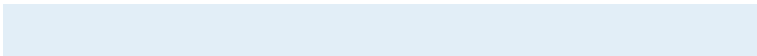
102.5740, 88.8560, -2.4080



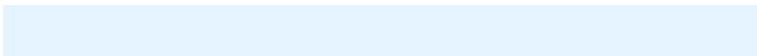
32.3160, 28.2890, -0.5670

Inverse Universe

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



235.4380, -10.0410, 0.2550



241.0680, -11.8750, 0.4530



229.5680, -7.2910, 5.4850



115.4770, -5.7770, 0.0710



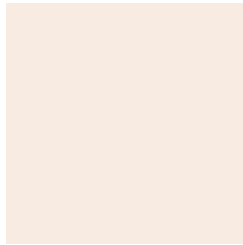
83.4260, -88.8560, 2.4080



26.6840, -28.2890, 0.5670

Previews

White Background



This preview shows how the YIQ color 237.5620, 10.0410, -0.2550 looks on a white background.

Color Contrast Check

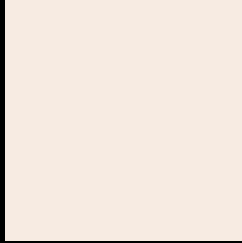
Large Text (above 18pt) WCAG AA × Fail

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 237.5620, 10.0410, -0.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

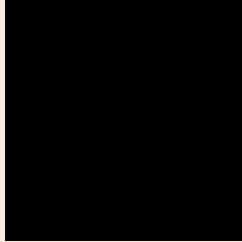
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

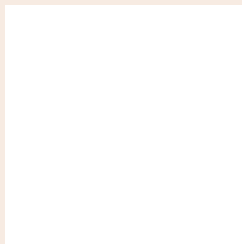
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.5620, 10.0410, -0.2550

Background



This preview shows how black text looks on a background with the YIQ color 237.5620, 10.0410, -0.2550.



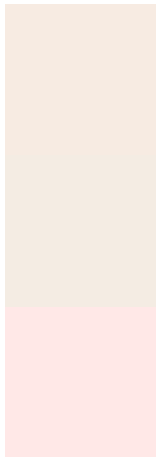
This preview shows how white text looks on a background with the YIQ color 237.5620, 10.0410, -0.2550.

-0.2550.

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

237.5620, 10.0410, -0.2550

Protanopia

237.3660, 7.6570, -1.1030

Deuteranopia

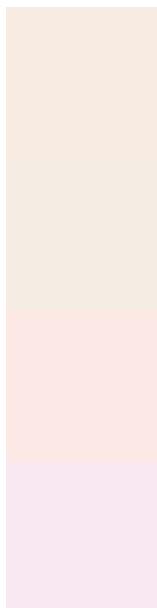
238.7630, 14.0290, 4.5650



Tritanopia

238.8470, 5.2250, 9.9370

Trichromacy



Original Color

237.5620, 10.0410, -0.2550

Protanomaly

237.6650, 8.2530, -0.8910

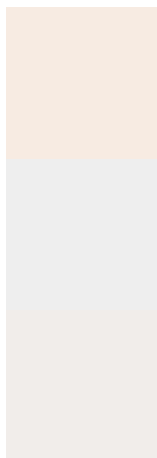
Deuteranomaly

238.2250, 12.6080, 2.7840

Tritanomaly

238.1090, 7.2430, 6.4030

Monochromacy



Original Color

237.5620, 10.0410, -0.2550

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

237.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.5620, 10.0410, -0.2550 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(247, 235, 226)` looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 226)  
}
```

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(247, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 226) }
```

Border

The CSS property to change the border of an element to YIQ 237.5620, 10.0410, -0.2550 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(247, 235, 226) }
```


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

```
.border{ border-color:rgb(247, 235, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 237.5620, 10.0410, -0.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 226) }
```

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

```
.background{ background-color: rgb(247,  
235, 226) }
```

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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