

Converting Colors

YIQ(237.2510, 9.7190, 5.5830)

Have a look what the booklet for
YIQ(237.2510, 9.7190, 5.5830)
contains.

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Color

**YIQ(237.2510, 9.7190,
5.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE7EC
RGB	250, 231, 236
RGB Percent	98%, 91%, 93%
CMY	0.0196, 0.0941, 0.0745
CMYK	0.00, 0.08, 0.06, 0.02
HSL	344°, 66%, 94%
HSV	344°, 8%, 98%
XYZ	83.1440, 83.5303, 91.1044
YIQ	237.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

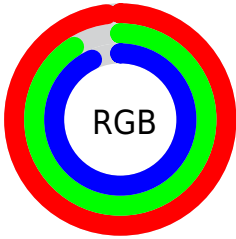
Format	Color
R _Y B	250, 231, 236
Decimal	16443372
CIE Lab	93.25, 7.30, -0.11
CIE LCh	93, 7.303, 359.166
Yxy	83.5303, 0.3225, 0.3240
Android (android.graphics.Color)	4294633452 (0xFFFAE7EC)
YUV	237.2510, -0.6167, 11.1809
Hunter-Lab	91.3949, 2.4445, 4.8749

Details

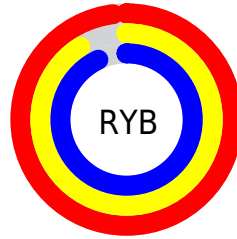
The YIQ color $237.2510, 9.7190, 5.5830$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.7490, -9.7190, -5.5830$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.9520, 9.1230, 5.3710$ is the 20% darker color. If you saturate the color by 10%, you get $220.5240, 22.3720, 13.0600$, and if you desaturate by 10%, it is $253.3910, -2.6590, -1.3710$.

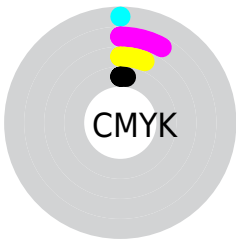
Distribution



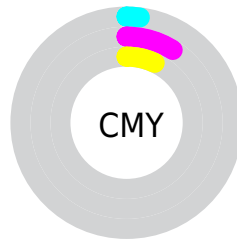
- Red (98%)
- Green (91%)
- Blue (93%)



- Red (98%)
- Yellow (91%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 237.2510, 9.7190, 5.5830 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 237.2510, 9.7190, 5.5830 by changing the saturation by 10% instead.


 237.2510, 9.7190,
5.5830


 237.2510, 9.7190,
5.5830

255.0000, -0.0000,
-0.0000

 208.9520, 9.1230,
5.3710

 180.9520, 9.1230,
5.3710

 154.5390, 8.8480,
4.8480

 128.6530, 8.5270,
5.1590

 103.3540, 7.9310,
4.9470

 79.3540, 7.9310,
4.9470

 56.6420, 7.0600,

4.2120

■ 34.6420, 7.0600,
4.2120

■ 12.0660, 8.8020,
5.6820

■ 237.2510, 9.7190,
5.5830

■ 237.2510, 9.7190,
5.5830

■ 220.5240, 22.3720,
13.0600

■ 253.3910, -2.6590,
-1.3710

■ 203.6830, 35.3460,
20.2260

■ 253.5050, -2.9800,
-1.0600

■ 186.9560, 47.9990,
27.7030

■ 170.1150, 60.9730,
34.8690

■ 153.3880, 73.6260,
42.3460

■ 136.6610, 86.2790,
49.8230

■ 119.8200, 99.2530,
56.9890

■ 103.0930,
111.9060, 64.4660

■ 86.2520, 124.8800,
71.6320

Harmonies

Analogous

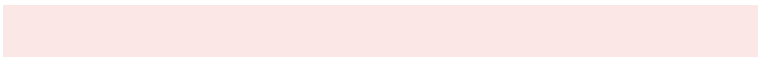
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1410, 4.2170, 6.1770



237.2510, 9.7190, 5.5830



236.7520, 12.5620, 3.6180

Triad

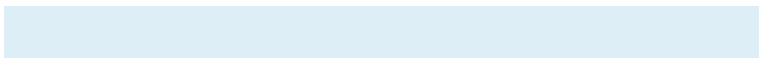
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



237.2510, 9.7190, 5.5830



234.5070, 2.7060, -4.9900



234.2420, -12.4250, -0.5930

Complementary

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



237.2510, 9.7190, 5.5830



243.7490, -9.7190, -5.5830

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.



233.9490, -13.1580, -3.8300



237.2510, 9.7190, 5.5830



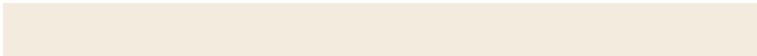
233.8590, -4.2170, -6.1770

Square

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



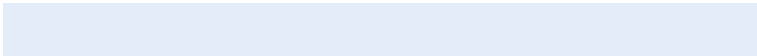
237.2510, 9.7190, 5.5830



235.6110, 8.3450, -2.5590



233.4500, -10.3150, -5.7950



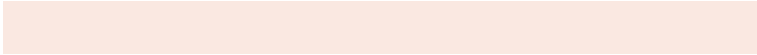
235.0900, -8.9410, 2.3470

Rectangle

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



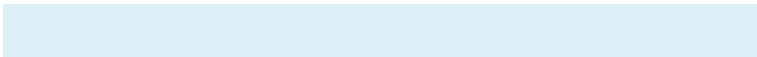
237.2510, 9.7190, 5.5830



236.5840, 12.9750, 1.6390



233.4500, -10.3150, -5.7950



234.1170, -13.5710, -1.8510

Sweetspot

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



237.2510, 9.7190, 5.5830



251.6090, 2.6590, 1.3710



237.3520, 2.2450, 8.8770



126.0110, 1.4670, 0.9470



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

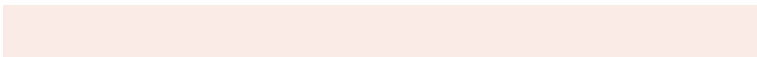
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.2510, 9.7190, 5.5830



239.5610, 11.7820, 6.7420



239.0290, 10.2240, 1.9360



116.3430, 6.4640, 4.0000



62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Inverse Universe

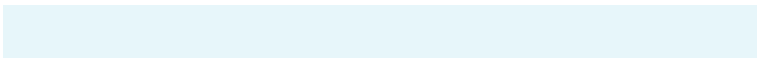
The Inverse Universe completely reimagines the original color for something new.



237.2510, 9.7190, 5.5830



239.5610, 11.7820, 6.7420



241.9710, -10.2240, -1.9360



116.3430, 6.4640, 4.0000



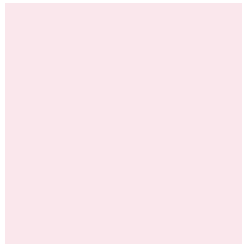
62.2110, 96.5940, 55.6180



20.0630, 31.2200, 17.9080

Previews

White Background



This preview shows how the YIQ color 237.2510, 9.7190, 5.5830 looks on a white background.

Color Contrast Check

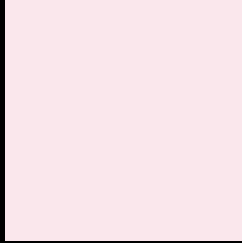
Large Text (above 18pt) WCAG AA × Fail

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 237.2510, 9.7190, 5.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

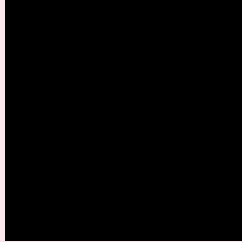
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 237.2510, 9.7190, 5.5830

Background



This preview shows how black text looks on a background with the YIQ color 237.2510, 9.7190, 5.5830.



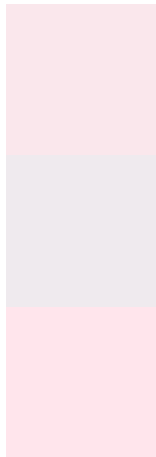
This preview shows how white text looks on a background with the YIQ color 237.2510, 9.7190,

5.5830.

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

237.2510, 9.7190, 5.5830

Protanopia

235.9510, 1.6960, 2.3040

Deuteranopia

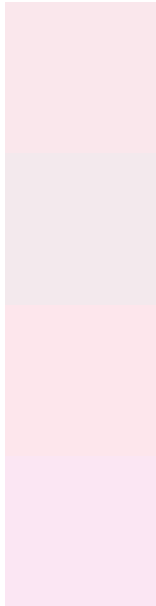
237.5720, 13.2490, 7.6890



Tritanopia

237.9290, 7.9300, 10.4740

Trichromacy



Original Color

237.2510, 9.7190, 5.5830

Protanomaly

236.4460, 4.6760, 3.3640

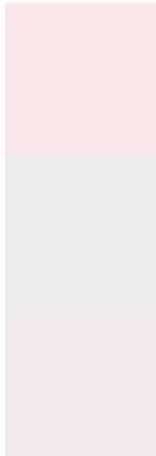
Deuteranomaly

237.5610, 11.7820, 6.7420

Tritanomaly

237.7610, 8.3430, 8.4950

Monochromacy



Original Color

237.2510, 9.7190, 5.5830

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.3210, 3.5300, 2.1060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.2510, 9.7190, 5.5830 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(250, 231, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 231, 236)  
}
```

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(250, 231, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 231, 236) }
```

Border

The CSS property to change the border of an element to YIQ 237.2510, 9.7190, 5.5830 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(250, 231, 236) }
```


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

```
.border{ border-color:rgb(250, 231, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 231, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 231, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 231, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 231,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 237.2510, 9.7190, 5.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 231, 236) }
```

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

```
.background{ background-color: rgb(250,  
231, 236) }
```

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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