

Converting Colors

YIQ(235.7510, 30.3570,
-27.0430)

Have a look what the booklet for
YIQ(235.7510, 30.3570, -27.0430)
contains.

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Color

**YIQ(235.7510, 30.3570,
-27.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F59C
RGB	248, 245, 156
RGB Percent	97%, 96%, 61%
CMY	0.0275, 0.0392, 0.3880
CMYK	0.00, 0.01, 0.37, 0.03
HSL	58°, 87%, 79%
HSV	58°, 37%, 97%
XYZ	77.3638, 87.6601, 44.3165
YIQ	235.7510, 30.3570, -27.0430

Conversions

Conversions Part 2

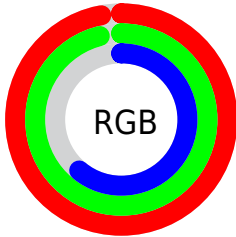
Format	Color
R _Y B	159, 248, 156
Decimal	16315804
CIE Lab	95.02, -11.68, 43.19
CIE LCh	95, 44.744, 105.135
Yxy	87.6601, 0.3696, 0.4187
Android (android.graphics.Color)	4294505884 (0xFFFF8F59C)
YUV	235.7510, -39.3172, 10.7424
Hunter-Lab	93.6269, -16.3528, 37.4751

Details

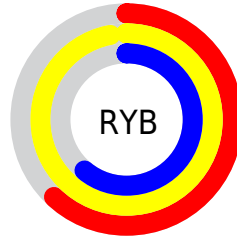
The YIQ color $235.7510, 30.3570, -27.0430$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $168.2490, -30.3570, 27.0430$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $249.9840, 14.1240, -13.6840$, and $179.4950, 28.2020, -26.5340$ is the 20% darker color. If you saturate the color by 10%, you get $232.3140, 38.6570, -34.2950$, and if you desaturate by 10%, it is $239.1880, 22.0570, -19.7910$.

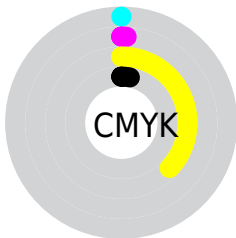
Distribution



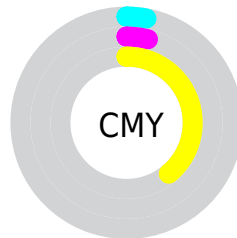
- Red (97%)
- Green (96%)
- Blue (61%)



- Red (62%)
- Yellow (97%)
- Blue (61%)



- Cyan (0%)
- Magenta (1%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.7510, 30.3570, -27.0430 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 235.7510, 30.3570, -27.0430 by changing the saturation by 10% instead.

235.7510, 30.3570,
-27.0430

235.7510, 30.3570,
-27.0430

255.0000, -0.0000,
-0.0000

207.5660, 29.4400,
-26.9440

250.0980, 13.8030,
-13.3730

179.4950, 28.2020,
-26.5340

253.2900, 4.8150,
-4.6650

152.4240, 26.9640,
-26.1240

126.2390, 26.0470,
-26.0250

100.0540, 25.1300,
-25.9260

75.2990, 25.8180,
-27.3820

54.3230, 17.2430,

-20.6530

■ 33.9340, 8.3930,
-14.4470

■ 12.9140, -6.0500,
-11.5060

■ 235.7510, 30.3570,
-27.0430

■ 235.7510, 30.3570,
-27.0430

■ 232.3140, 38.6570,
-34.2950

■ 239.1880, 22.0570,
-19.7910

■ 228.8770, 46.9570,
-41.5470

■ 242.6250, 13.7570,
-12.5390

■ 226.1410, 54.6610,
-49.0110

■ 245.3610, 6.0530,
-5.0750

■ 222.7040, 62.9610,
-56.2630

■ 248.7980, -2.2470,
2.1770

■ 219.2670, 71.2610,
-63.5150

■ 249.3850, -2.5220,
1.6540

■ 215.8300, 79.5610,
-70.7670

■ 249.9720, -2.7970,
1.1310

■ 215.0320, 81.8080,
-72.9440

■ 250.5590, -3.0720,
0.6080

■ 251.1460, -3.3470,
0.0850

Harmonies

Analogous

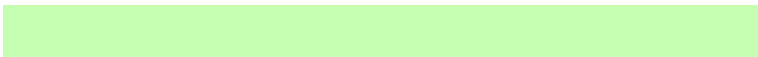
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.7400, 38.0580, -17.9260



235.7510, 30.3570, -27.0430



229.4780, -8.6590, -35.8190

Triad

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



235.7510, 30.3570, -27.0430



205.3660, -98.9360, -35.1920



228.5850, 12.3750, 23.5350

Complementary

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



235.7510, 30.3570, -27.0430



168.2490, -30.3570, 27.0430

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.



235.6290, 9.0750, 17.2590



235.7510, 30.3570, -27.0430



220.0610, -63.8640, -21.0160

Square

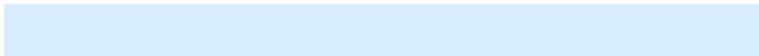
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.7510, 30.3570, -27.0430



207.4590, -94.7640, -33.7080



232.4740, -18.8900, 0.9340



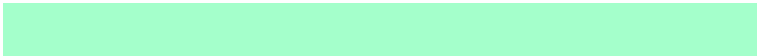
223.4210, 24.1600, 13.6960

Rectangle

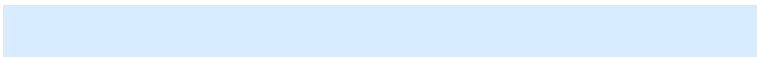
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.7510, 30.3570, -27.0430



221.8630, -37.5440, -35.4640



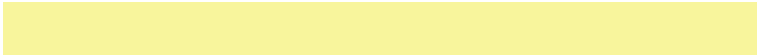
232.4740, -18.8900, 0.9340



230.3460, 11.5500, 21.9660

Sweetspot

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



235.7510, 30.3570, -27.0430



251.2210, 9.2630, -8.1850



183.8500, 53.8690, 20.4370



125.4750, 5.7320, -4.7640



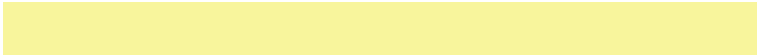
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

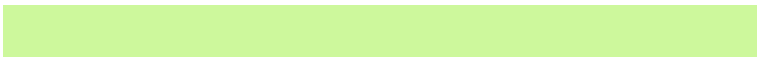
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.7510, 30.3570, -27.0430



239.8840, 37.0520, -32.7400



224.6550, 3.9040, -37.7280



123.5180, 4.1730, -4.0430



163.9320, 62.3190, -55.6410



52.8720, 20.1310, -17.9250

Inverse Universe

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



168.2490, -30.3570, 27.0430



157.5290, -36.7770, 33.2630



179.3450, -3.9040, 37.7280



114.0690, -4.4480, 3.5200



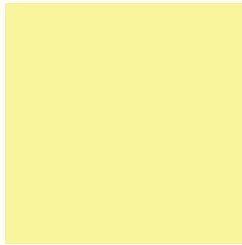
25.0680, -62.3190, 55.6410



8.1280, -20.1310, 17.9250

Previews

White Background



This preview shows how the YIQ color 235.7510, 30.3570, -27.0430 looks on a white background.

Color Contrast Check

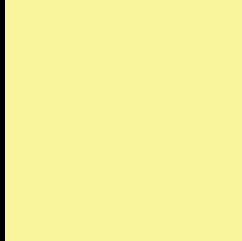
Large Text (above 18pt) WCAG AA × Fail

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 235.7510, 30.3570, -27.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

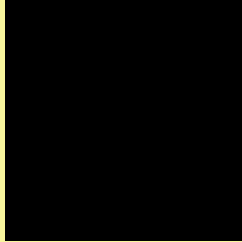
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.7510, 30.3570, -27.0430

Background



This preview shows how black text looks on a background with the YIQ color 235.7510, 30.3570, -27.0430.



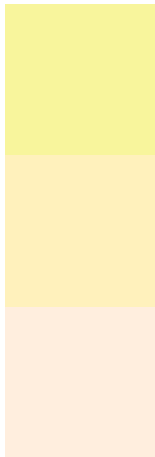
This preview shows how white text looks on a background with the YIQ color 235.7510, 30.3570,

-27.0430.

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

235.7510, 30.3570, -27.0430

Protanopia

239.1440, 25.3570, -13.5150

Deuteranopia

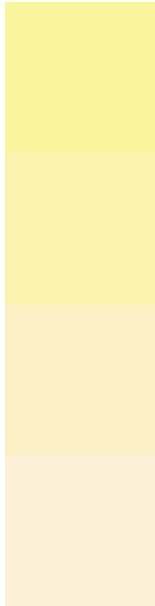
241.2590, 15.2680, -1.3720



Tritanopia

242.5760, 7.4260, 8.5940

Trichromacy



Original Color

235.7510, 30.3570, -27.0430

Protanomaly

237.4660, 27.1460, -18.4060

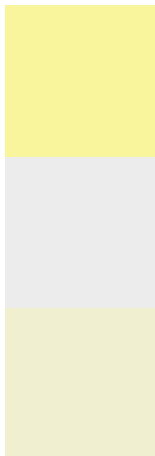
Deuteranomaly

239.3870, 20.3590, -11.0410

Tritanomaly

240.1510, 15.4520, -4.7080

Monochromacy



Original Color

235.7510, 30.3570, -27.0430

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.6510, 10.8680, -9.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.7510, 30.3570, -27.0430 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, 245, 156)` looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 156)  
}
```

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, 245, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 156) }
```

Border

The CSS property to change the border of an element to YIQ 235.7510, 30.3570, -27.0430 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, 245, 156) }
```


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

```
.border{ border-color:rgb(248, 245, 156) }
```

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

Here you see how a box with a 4 pixel rgb(248, 245, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 156);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 235.7510, 30.3570, -27.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 156) }
```

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

```
.background{ background-color: rgb(248,  
245, 156) }
```

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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