

Converting Colors

YIQ(243.8750, 6.8810, -20.0870)

Have a look what the booklet for
YIQ(243.8750, 6.8810, -20.0870)
contains.

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Color

**YIQ(243.8750, 6.8810,
-20.0870)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFCA
RGB	238, 255, 202
RGB Percent	93%, 100%, 79%
CMY	0.0667, 0.0000, 0.2078
CMYK	0.07, 0.00, 0.21, 0.00
HSL	79°, 100%, 90%
HSV	79°, 21%, 100%
XYZ	81.6763, 93.9590, 69.7190
YIQ	243.8750, 6.8810, -20.0870

Conversions

Conversions Part 2

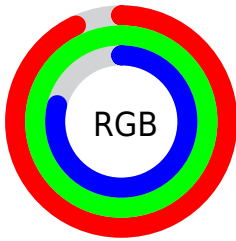
Format	Color
R _Y B	202, 255, 219
Decimal	15663050
CIE Lab	97.62, -14.36, 23.51
CIE LCh	98, 27.546, 121.424
Yxy	93.9590, 0.3329, 0.3830
Android (android.graphics.Color)	4293853130 (0xFFEEFFCA)
YUV	243.8750, -20.6444, -5.1524
Hunter-Lab	96.9324, -19.2257, 25.2082

Details

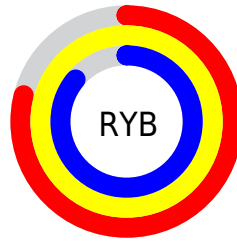
The YIQ color $243.8750, 6.8810, -20.0870$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $213.1250, -6.8810, 20.0870$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.5160, 6.5140, -18.9420$ is the 20% darker color. If you saturate the color by 10%, you get $238.6330, 10.1380, -29.5580$, and if you desaturate by 10%, it is $249.2310, 3.3030, -10.3050$.

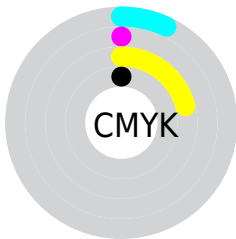
Distribution



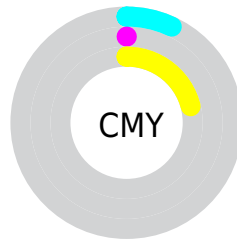
- Red (93%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (86%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.8750, 6.8810, -20.0870 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 243.8750, 6.8810, -20.0870 by changing the saturation by 10% instead.


 243.8750, 6.8810,
-20.0870

 243.8750, 6.8810,
-20.0870

255.0000, -0.0000,
-0.0000


 215.4020, 6.8350,
-19.2530

 187.5160, 6.5140,
-18.9420

 160.6300, 6.1930,
-18.6310

 133.8580, 5.5510,
-18.0090

 108.9720, 5.2300,
-17.6980

 84.0860, 4.9090,
-17.3870

 60.6130, 4.8630,

-16.5530

■ 38.3850, 5.5050,
-17.1750

■ 17.9310, -4.7200,
-13.5840

■ 243.8750, 6.8810,
-20.0870

■ 243.8750, 6.8810,
-20.0870

■ 238.6330, 10.1380,
-29.5580

■ 249.2310, 3.3030,
-10.3050

■ 233.2770, 13.7160,
-39.3400

■ 254.4730, 0.0460,
-0.8340

■ 227.7360, 16.3770,
-49.0230

■ 255.0000, -0.0000,
-0.0000

■ 222.3800, 19.9550,
-58.8050

■ 217.1380, 23.2120,
-68.2760

■ 211.7820, 26.7900,
-78.0580

■ 206.5400, 30.0470,
-87.5290

■ 201.4120, 32.9830,
-96.6890

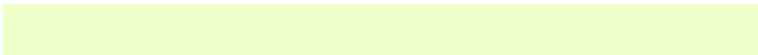
Harmonies

Analogous

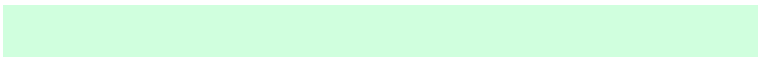
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.4640, 21.4600, -14.4760



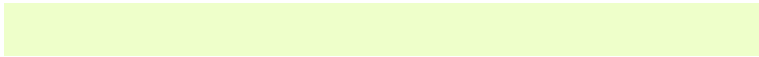
243.8750, 6.8810, -20.0870



237.1850, -17.4190, -20.2270

Triad

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



243.8750, 6.8810, -20.0870



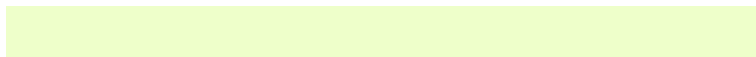
234.6680, -40.5280, -14.4160



238.9400, 9.3970, 11.4210

Complementary

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



243.8750, 6.8810, -20.0870



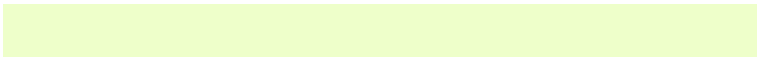
213.1250, -6.8810, 20.0870

Split Complementary

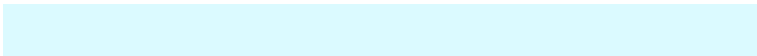
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.0860, 6.0500, 11.5060



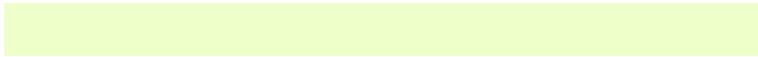
243.8750, 6.8810, -20.0870



241.3010, -20.0810, -5.0170

Square

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



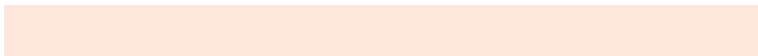
243.8750, 6.8810, -20.0870



230.7810, -48.2760, -17.1720



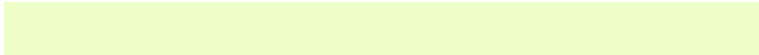
246.4830, 3.2540, 7.1100



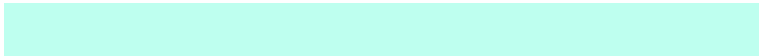
237.0360, 17.5140, 1.9780

Rectangle

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



243.8750, 6.8810, -20.0870



233.7410, -33.6040, -18.7560



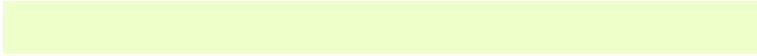
246.4830, 3.2540, 7.1100



240.3250, 6.8750, 13.0750

Sweetspot

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



243.8750, 6.8810, -20.0870



251.7950, 1.8350, -5.7250



227.8260, 26.9130, 2.3450



126.0770, 1.1010, -3.4350



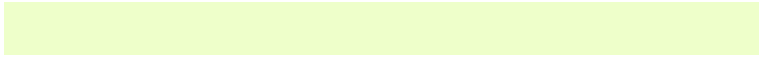
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

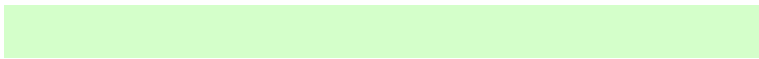
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.8750, 6.8810, -20.0870



241.7240, 8.6240, -24.1440



236.1010, -8.6150, -25.5990



125.0230, 1.1930, -5.1030



150.9870, 24.9550, -72.3330



50.4250, 8.0280, -24.3560

Inverse Universe

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



213.1250, -6.8810, 20.0870



204.5750, -8.0280, 24.3560



220.8990, 8.6150, 25.5990



117.6780, -1.7890, 4.8910



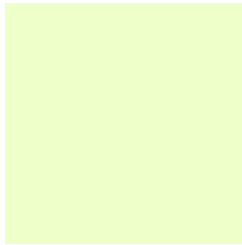
40.0130, -24.9550, 72.3330



13.2760, -8.6240, 24.1440

Previews

White Background



This preview shows how the YIQ color 243.8750, 6.8810, -20.0870 looks on a white background.

Color Contrast Check

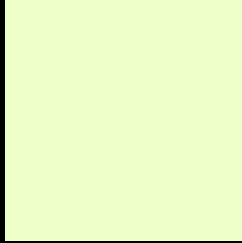
Large Text (above 18pt) WCAG AA × Fail

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 243.8750, 6.8810, -20.0870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

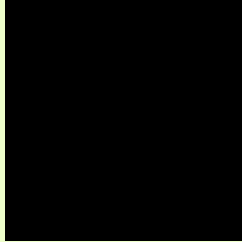
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

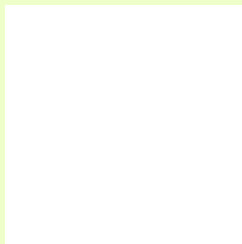
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.8750, 6.8810, -20.0870

Background



This preview shows how black text looks on a background with the YIQ color 243.8750, 6.8810, -20.0870.



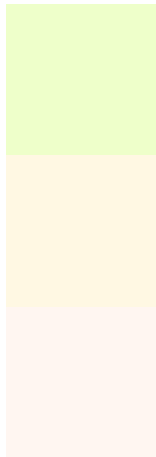
This preview shows how white text looks on a background with the YIQ color 243.8750, 6.8810, -20.0870.

-20.0870.

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

243.8750, 6.8810, -20.0870

Protanopia

247.6990, 10.9130, -5.0470

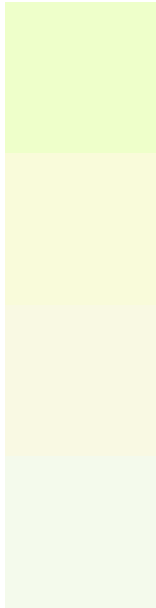
Deuteranopia

248.1210, 6.9690, 0.3530

Tritanopia

248.2110, -1.9720, 2.7000

Trichromacy



Original Color

243.8750, 6.8810, -20.0870

Protanomaly

246.6400, 9.4010, -10.6870

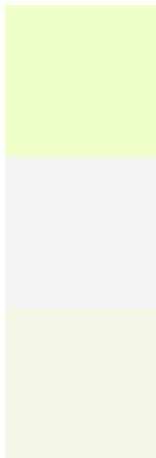
Deuteranomaly

246.4920, 7.0620, -6.8420

Tritanomaly

246.6100, 0.9180, -5.6260

Monochromacy



Original Color

243.8750, 6.8810, -20.0870

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.0400, 2.5230, -7.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.8750, 6.8810, -20.0870 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(238, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 202)  
}
```

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(238, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 202) }
```

Border

The CSS property to change the border of an element to YIQ 243.8750, 6.8810, -20.0870 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(238, 255, 202) }
```


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

```
.border{ border-color:rgb(238, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 243.8750, 6.8810, -20.0870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 202) }
```

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

```
.background{ background-color: rgb(238,  
255, 202) }
```

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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