

Converting Colors

YIQ(250.0470, 9.8130, -7.1390)

Have a look what the booklet for
YIQ(250.0470, 9.8130, -7.1390)
contains.

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Color

**YIQ(250.0470, 9.8130,
-7.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFCE3
RGB	255, 252, 227
RGB Percent	100%, 99%, 89%
CMY	0.0000, 0.0117, 0.1097
CMYK	0.00, 0.01, 0.11, 0.00
HSL	54°, 100%, 95%
HSV	54°, 11%, 100%
XYZ	89.9164, 96.4264, 86.5569
YIQ	250.0470, 9.8130, -7.1390

Conversions

Conversions Part 2

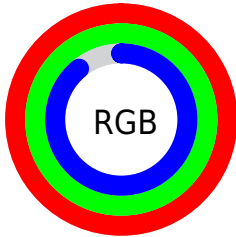
Format	Color
R_{YB}	230, 255, 227
Decimal	16776419
CIE Lab	98.60, -3.14, 12.32
CIE LCh	99, 12.709, 104.282
Yxy	96.4264, 0.3295, 0.3533
Android (android.graphics.Color)	4294966499 (0xFFFFFCE3)
YUV	250.0470, -11.3622, 4.3438
Hunter-Lab	98.1970, -8.3969, 16.4760

Details

The YIQ color 250.0470, 9.8130, -7.1390 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 231.9530, -9.8130, 7.1390, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 193.2750, 9.1710, -6.5170 is the 20% darker color. If you saturate the color by 10%, you get 245.4360, 18.6630, -13.3450, and if you desaturate by 10%, it is 254.7720, 0.6420, -0.6220.

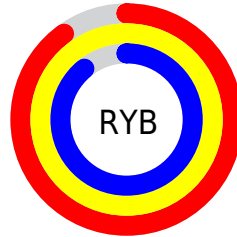
Distribution



Red (100%)

Green (99%)

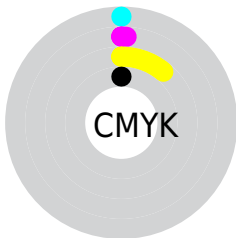
Blue (89%)



Red (90%)

Yellow (100%)

Blue (89%)

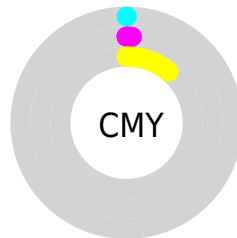


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 250.0470, 9.8130, -7.1390 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 250.0470, 9.8130, -7.1390 by changing the saturation by 10% instead.


 250.0470, 9.8130,
-7.1390


 250.0470, 9.8130,
-7.1390


255.0000, -0.0000,
-0.0000


 221.1610, 9.4920,
-6.8280

 193.2750, 9.1710,
-6.5170

 166.2750, 9.1710,
-6.5170

 139.9760, 8.5750,
-6.7290

 114.2040, 7.9330,
-6.1070

 90.2040, 7.9330,
-6.1070

 66.3180, 7.6120,

-5.7960

■ 44.1330, 6.6950,
-5.6970

■ 23.1610, 9.4920,
-6.8280

■ 250.0470, 9.8130,
-7.1390

■ 250.0470, 9.8130,
-7.1390

■ 245.4360, 18.6630,
-13.3450

254.7720, 0.6420,
-0.6220

■ 241.2980, 27.5590,
-20.3850

255.0000, -0.0000,
-0.0000

■ 236.6870, 36.4090,
-26.5910

■ 231.9620, 45.5800,
-33.1080

■ 227.3510, 54.4300,
-39.3140

■ 223.2130, 63.3260,
-46.3540

■ 218.6020, 72.1760,
-52.5600

■ 213.8770, 81.3470,
-59.0770

■ 210.0810, 89.2800,
-65.1840

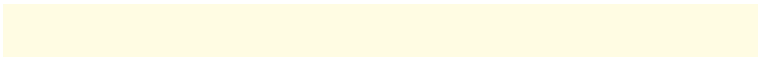
Harmonies

Analogous

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



247.6990, 10.9130, -5.0470



250.0470, 9.8130, -7.1390



248.3060, -1.2820, -9.8100

Triad

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



250.0470, 9.8130, -7.1390



245.1330, -19.6680, -6.9960



247.9560, 3.3000, 6.2760

Complementary

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



250.0470, 9.8130, -7.1390



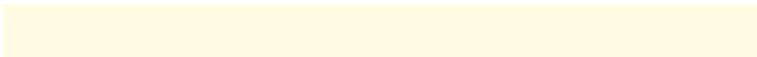
231.9530, -9.8130, 7.1390

Split Complementary

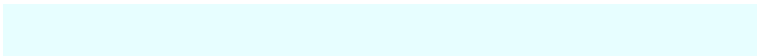
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.7170, 2.4750, 4.7070



250.0470, 9.8130, -7.1390



247.2370, -14.0290, -4.5650

Square

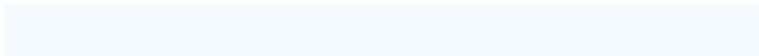
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



250.0470, 9.8130, -7.1390



244.8340, -20.2640, -7.2080



249.0750, -4.5850, 0.4950



246.8160, 6.5100, 3.1660

Rectangle

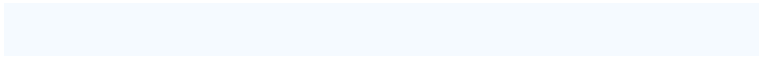
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



250.0470, 9.8130, -7.1390



246.4130, -8.8930, -9.5410



249.0750, -4.5850, 0.4950



248.5430, 3.0250, 5.7530

Sweetspot

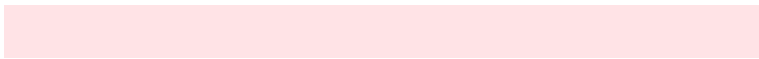
The Sweet Spot groups the original color and five complimentary colors.



250.0470, 9.8130, -7.1390



253.5010, 2.8430, -1.9650



235.7140, 15.7250, 6.8690



126.7290, 2.2010, -1.3430



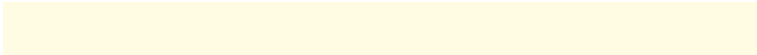
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



250.0470, 9.8130, -7.1390



248.8900, 11.6930, -8.1710



248.5190, 2.4320, -11.0400



125.3440, 4.7230, -2.9970



157.4860, 66.8110, -48.9410



52.5950, 22.4690, -16.2430

Inverse Universe

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



231.9530, -9.8130, 7.1390



227.5230, -11.4180, 8.6940



233.4810, -2.4320, 11.0400



117.0690, -4.4480, 3.5200



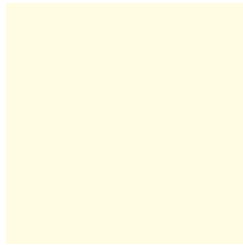
33.5140, -66.8110, 48.9410



11.4050, -22.4690, 16.2430

Previews

White Background



This preview shows how the YIQ color 250.0470, 9.8130, -7.1390 looks on a white background.

Color Contrast Check

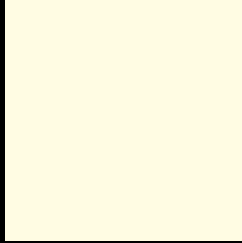
Large Text (above 18pt) WCAG AA × Fail

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 250.0470, 9.8130, -7.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

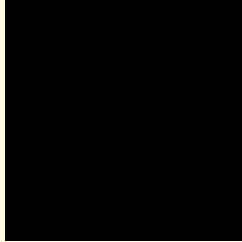
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 250.0470, 9.8130, -7.1390

Background



This preview shows how black text looks on a background with the YIQ color 250.0470, 9.8130, -7.1390.



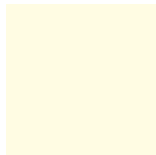
This preview shows how white text looks on a background with the YIQ color 250.0470, 9.8130, -7.1390.

-7.1390.

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

250.0470, 9.8130, -7.1390



Protanopia

251.1700, 5.2730, -1.9510

Deuteranopia

251.3810, 3.3010, 0.7490

Tritanopia

251.7660, 0.7790, 2.4030

Trichromacy



Original Color

250.0470, 9.8130, -7.1390

Protanomaly

250.6000, 6.8780, -3.5060

Deuteranomaly

251.0560, 5.5940, -2.2620

Tritanomaly

251.2130, 3.7140, -1.2300

Monochromacy



Original Color

250.0470, 9.8130, -7.1390



Achromatopsia

250.0000, 0.0000, 0.0000



Achromatomaly

250.2730, 3.4850, -2.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 250.0470, 9.8130, -7.1390 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(255, 252, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 227)  
}
```

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(255, 252, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 227) }
```

Border

The CSS property to change the border of an element to YIQ 250.0470, 9.8130, -7.1390 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(255, 252, 227) }
```


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

```
.border{ border-color:rgb(255, 252, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 250.0470, 9.8130, -7.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 227) }
```

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

```
.background{ background-color: rgb(255,  
252, 227) }
```

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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