

# Converting Colors

YIQ(232.2130, 20.9090, -9.9950)

Have a look what the booklet for  
YIQ(232.2130, 20.9090, -9.9950)  
contains.

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# Color

**YIQ(232.2130, 20.9090,  
-9.9950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E9C0
RGB	246, 233, 192
RGB Percent	96%, 91%, 75%
CMY	0.0353, 0.0863, 0.2469
CMYK	0.00, 0.05, 0.22, 0.04
HSL	46°, 75%, 86%
HSV	46°, 22%, 96%
XYZ	76.6615, 81.6748, 61.6105
YIQ	232.2130, 20.9090, -9.9950

# Conversions

## Conversions Part 2

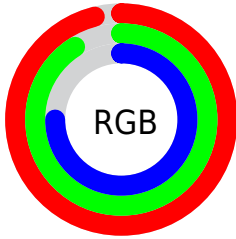
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">209, 246, 192</a>
Decimal	<a href="#">16181696</a>
CIELab	<a href="#">92.43, -1.95, 21.53</a>
CIELCh	<a href="#">92, 21.616, 95.178</a>
Yxy	<a href="#">81.6748, 0.3485, 0.3713</a>
Android (android.graphics.Color)	<a href="#">4294371776 (0xFFFF6E9C0)</a>
YUV	<a href="#">232.2130, -19.8250, 12.0912</a>
Hunter-Lab	<a href="#">90.3741, -6.7388, 22.8423</a>

# Details

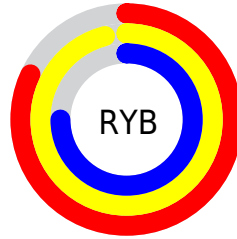
The YIQ color  $232.2130, 20.9090, -9.9950$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $205.7870, -20.9090, 9.9950$ , and the grayscale version is  $232.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $254.3160, 1.9260, -1.8660$ , and  $176.1420, 19.6710, -9.5850$  is the 20% darker color. If you saturate the color by 10%, you get  $225.8410, 30.5840, -14.6320$ , and if you desaturate by 10%, it is  $238.5850, 11.2340, -5.3580$ .

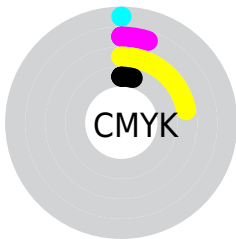
# Distribution



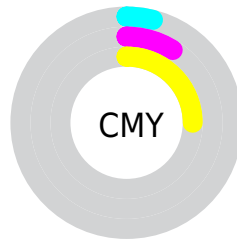
- Red (96%)
- Green (91%)
- Blue (75%)



- Red (82%)
- Yellow (96%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 232.2130, 20.9090, -9.9950 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 232.2130, 20.9090, -9.9950 by changing the saturation by 10% instead.



232.2130, 20.9090,  
-9.9950

232.2130, 20.9090,  
-9.9950

255.0000, -0.0000,  
-0.0000

204.0280, 19.9920,  
-9.8960

254.3160, 1.9260,  
-1.8660

176.1420, 19.6710,  
-9.5850

149.9570, 18.7540,  
-9.4860

123.7720, 17.8370,  
-9.3870

98.5870, 16.9200,  
-9.2880

74.8150, 16.2780,  
-8.6660

52.3310, 14.7650,

-8.7790

■ 30.4450, 14.4440,  
-8.4680

■ 8.5610, 2.6140,  
-3.3220

■ 232.2130, 20.9090,  
-9.9950

■ 232.2130, 20.9090,  
-9.9950

■ 225.8410, 30.5840,  
-14.6320

■ 238.5850, 11.2340,  
-5.3580

■ 219.5830, 39.9380,  
-18.9580

■ 244.8430, 1.8800,  
-1.0320

■ 213.2110, 49.6130,  
-23.5950

■ 249.9610, -4.2640,  
0.1840

■ 206.9530, 58.9670,  
-27.9210

■ 252.3090, -5.3640,  
-1.9080

■ 200.5810, 68.6420,  
-32.5580

■ 194.2090, 78.3170,  
-37.1950

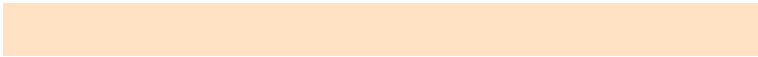
■ 188.5380, 87.3960,  
-42.0440

■ 183.3230, 95.1910,  
-45.6490

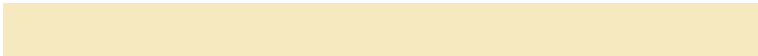
# Harmonies

## Analogous

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



231.2510, 26.9140, -3.1820



232.2130, 20.9090, -9.9950



229.6560, 3.3040, -15.8320

# Triad

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



232.2130, 20.9090, -9.9950



225.5200, -42.8670, -10.5710



234.5860, 10.6340, 16.5380

# Complementary

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



232.2130, 20.9090, -9.9950



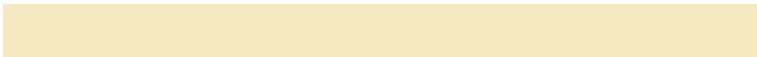
205.7870, -20.9090, 9.9950

# Split Complementary

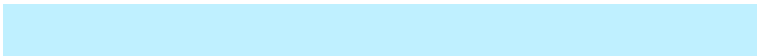
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.6770, -0.0480, 11.8880



232.2130, 20.9090, -9.9950



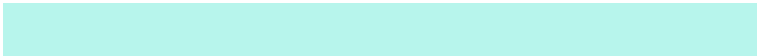
227.0590, -34.0190, -5.7230

# Square

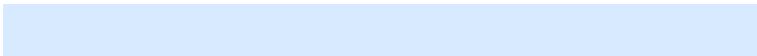
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.2130, 20.9090, -9.9950



225.4360, -34.0630, -15.9430



230.7130, -18.0650, 2.5030



231.0180, 17.9250, 11.0530

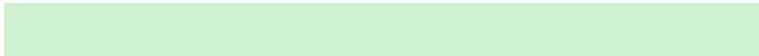


# Rectangle

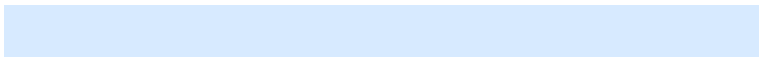
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.2130, 20.9090, -9.9950



228.3600, -10.5420, -18.2060



230.7130, -18.0650, 2.5030



236.2160, 8.8000, 16.7360

# Sweetspot

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



232.2130, 20.9090, -9.9950



250.6000, 6.8780, -3.5060



209.7420, 27.6900, 15.8020



124.9850, 4.3560, -1.8520



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

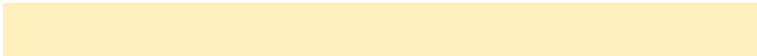


# Same Dimension

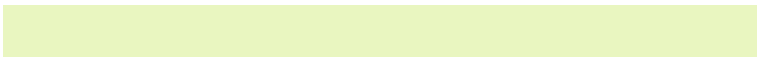
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.2130, 20.9090, -9.9950



238.0840, 25.5860, -12.1580



235.9570, 9.5860, -19.5500



118.8710, 4.6770, -2.1630



138.3810, 72.0810, -34.3110



44.0560, 22.7890, -11.0270



# Inverse Universe

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



205.7870, -20.9090, 9.9950



205.9160, -25.5860, 12.1580



202.3420, -8.9900, 19.7620



113.1290, -4.6770, 2.1630



47.6190, -72.0810, 34.3110

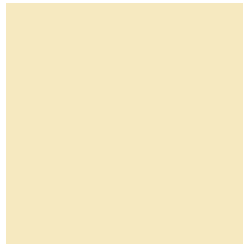


14.9440, -22.7890, 11.0270



# Previews

## White Background



This preview shows how the YIQ color 232.2130, 20.9090, -9.9950 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 232.2130, 20.9090, -9.9950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

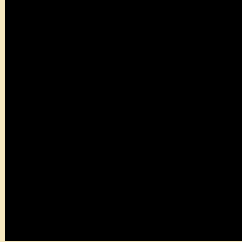
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 232.2130, 20.9090, -9.9950

## Background



This preview shows how black text looks on a background with the YIQ color 232.2130, 20.9090, -9.9950.



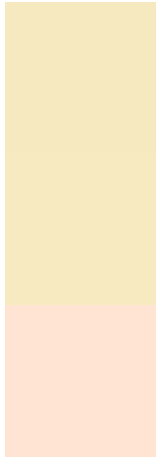
This preview shows how white text looks on a background with the YIQ color 232.2130, 20.9090, -9.9950.

-9.9950.

# 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

232.2130, 20.9090, -9.9950

### Protanopia

232.5120, 21.5050, -9.7830

### Deuteranopia

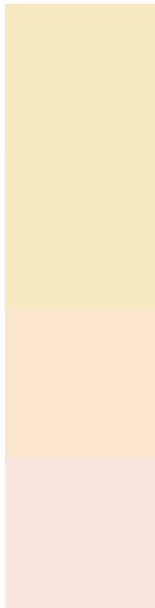
234.2490, 21.2280, 0.7480



## Tritanopia

236.1250, 10.3140, 11.3220

# Trichromacy



## Original Color

232.2130, 20.9090, -9.9950

## Protanomaly

232.5120, 21.5050, -9.7830

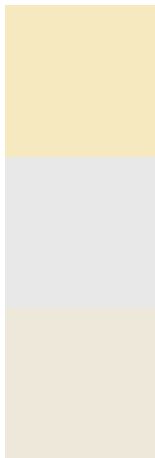
## Deuteranomaly

233.7280, 21.1370, -3.1110

## Tritanomaly

234.8230, 13.8000, 3.2080

# Monochromacy



## Original Color

232.2130, 20.9090, -9.9950

## Achromatopsia

232.0000, -0.0000, 0.0000

## Achromatomaly

231.7850, 7.7950, -3.6050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 232.2130, 20.9090, -9.9950 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(246, 233, 192)` looks like.

```
.text, #text, p{  
    color:rgb(246, 233, 192)  
}
```

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(246, 233, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 192) }
```

## Border

The CSS property to change the border of an element to YIQ 232.2130, 20.9090, -9.9950 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(246, 233, 192) }
```



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

```
.border{ border-color:rgb(246, 233, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 233, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 233, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 233, 192);  
box-shadow:4px 4px 4px 4px rgb(246, 233,  
192) }
```

# Background

The CSS property to change the background color of an element to YIQ 232.2130, 20.9090, -9.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 192) }
```

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

```
.background{ background-color: rgb(246,  
233, 192) }
```

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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