

Converting Colors

YIQ(240.0990, 21.2300,
-10.3060)

Have a look what the booklet for
YIQ(240.0990, 21.2300, -10.3060)
contains.

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Color

**YIQ(240.0990, 21.2300,
-10.3060)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF1C7
RGB	254, 241, 199
RGB Percent	100%, 95%, 78%
CMY	0.0039, 0.0549, 0.2195
CMYK	0.00, 0.05, 0.22, 0.00
HSL	46°, 96%, 89%
HSV	46°, 22%, 100%
XYZ	82.6394, 88.1033, 66.7010
YIQ	240.0990, 21.2300, -10.3060

Conversions

Conversions Part 2

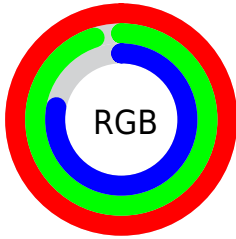
Format	Color
R _Y B	216, 254, 199
Decimal	16708039
CIE Lab	95.20, -2.11, 21.87
CIE LCh	95, 21.975, 95.505
Yxy	88.1033, 0.3480, 0.3710
Android (android.graphics.Color)	4294898119 (0xFFFEF1C7)
YUV	240.0990, -20.2618, 12.1912
Hunter-Lab	93.8633, -7.1054, 23.5718

Details

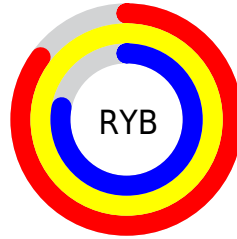
The YIQ color $240.0990, 21.2300, -10.3060$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $212.9010, -21.2300, 10.3060$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.0280, 19.9920, -9.8960$ is the 20% darker color. If you saturate the color by 10%, you get $233.7270, 30.9050, -14.9430$, and if you desaturate by 10%, it is $246.4710, 11.5550, -5.6690$.

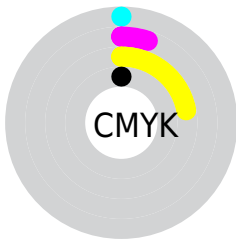
Distribution



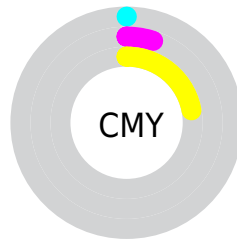
- Red (100%)
- Green (95%)
- Blue (78%)



- Red (85%)
- Yellow (100%)
- Blue (78%)



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




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

Brightness & Saturation Gradients


These gradients show how the YIQ color 240.0990, 21.2300, -10.3060 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 240.0990, 21.2300, -10.3060 by changing the saturation by 10% instead.


 240.0990, 21.2300,
-10.3060


 240.0990, 21.2300,
-10.3060


255.0000, -0.0000,
-0.0000


 211.9140, 20.3130,
-10.2070

 184.0280, 19.9920,
-9.8960

 156.8430, 19.0750,
-9.7970

 130.6580, 18.1580,
-9.6980

 105.4730, 17.2410,
-9.5990

 81.4020, 16.0030,
-9.1890

 58.2170, 15.0860,

-9.0900

■ 35.8750, 16.0490,
-10.0230

■ 16.5460, 6.9700,
-5.1740

■ 240.0990, 21.2300,
-10.3060

■ 240.0990, 21.2300,
-10.3060

■ 233.7270, 30.9050,
-14.9430

■ 246.4710, 11.5550,
-5.6690

■ 227.2410, 40.9010,
-19.8910

■ 252.9570, 1.5590,
-0.7210

■ 220.8690, 50.5760,
-24.5280

■ 254.7010, -0.5960,
-0.2120

■ 214.3830, 60.5720,
-29.4760

■ 208.0110, 70.2470,
-34.1130

■ 201.6390, 79.9220,
-38.7500

■ 195.1530, 89.9180,
-43.6980

■ 189.8240, 98.0340,
-47.6140

Harmonies

Analogous

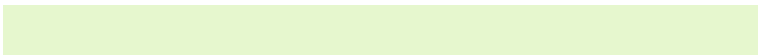
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.7450, 22.4670, -5.1890



240.0990, 21.2300, -10.3060



237.2430, 3.0290, -16.3550

Triad

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



240.0990, 21.2300, -10.3060



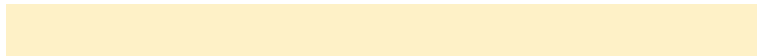
232.3090, -40.8950, -13.2710



239.7380, 7.1500, 13.5980

Complementary

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



240.0990, 21.2300, -10.3060



212.9010, -21.2300, 10.3060

Split Complementary

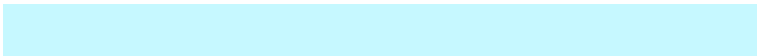
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.1780, 2.7950, 9.9230



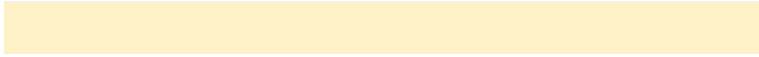
240.0990, 21.2300, -10.3060



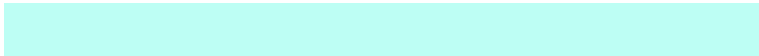
233.8480, -32.0470, -8.4230

Square

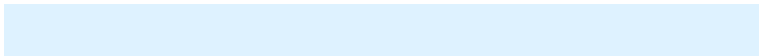
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.0990, 21.2300, -10.3060



233.4250, -35.5300, -16.8900



237.5020, -16.0930, -0.1970



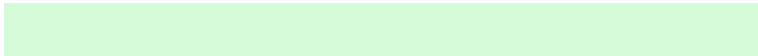
236.0390, 13.4320, 9.8800

Rectangle

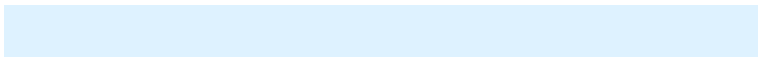
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.0990, 21.2300, -10.3060



236.0610, -11.1380, -18.4180



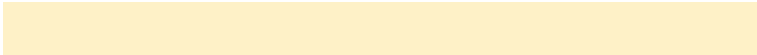
237.5020, -16.0930, -0.1970



240.3250, 6.8750, 13.0750

Sweetspot

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



240.0990, 21.2300, -10.3060



250.9420, 5.9150, -2.5730



217.0410, 28.2860, 16.0140



125.2130, 3.7140, -1.2300



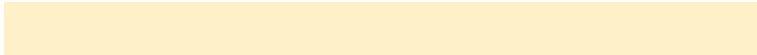
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

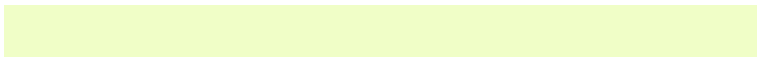
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0990, 21.2300, -10.3060



238.0840, 25.5860, -12.1580



243.5440, 9.3110, -20.0730



124.1700, 5.2730, -1.9510



142.8110, 73.6860, -35.8660



47.8990, 24.6690, -12.0590

Inverse Universe

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



212.9010, -21.2300, 10.3060



205.3290, -25.3110, 12.6810



209.4560, -9.3110, 20.0730



118.2430, -4.9980, 2.4740



48.1890, -73.6860, 35.8660



16.1010, -24.6690, 12.0590

Previews

White Background



This preview shows how the YIQ color 240.0990, 21.2300, -10.3060 looks on a white background.

Color Contrast Check

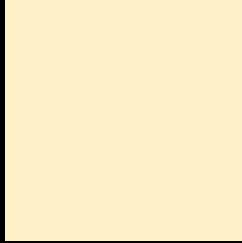
Large Text (above 18pt) WCAG AA × Fail

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 240.0990, 21.2300, -10.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

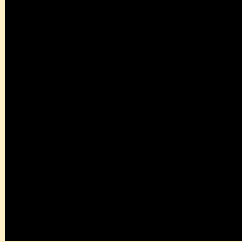
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.0990, 21.2300, -10.3060

Background



This preview shows how black text looks on a background with the YIQ color 240.0990, 21.2300, -10.3060.



This preview shows how white text looks on a background with the YIQ color 240.0990, 21.2300, -10.3060.

-10.3060.

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

240.0990, 21.2300, -10.3060

Protanopia

240.3980, 21.8260, -10.0940

Deuteranopia

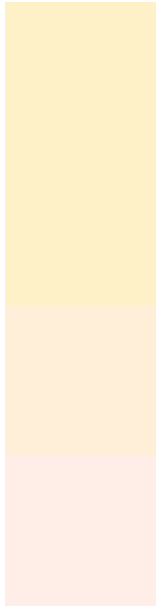
241.9430, 13.3420, 0.4940



Tritanopia

243.1630, 7.1510, 8.0710

Trichromacy



Original Color

240.0990, 21.2300, -10.3060

Protanomaly

240.3980, 21.8260, -10.0940

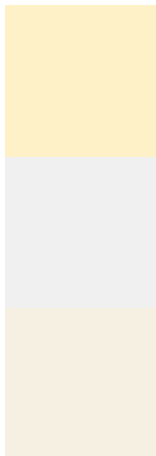
Deuteranomaly

241.2760, 16.5980, -3.4500

Tritanomaly

242.2850, 12.3790, 1.4270

Monochromacy



Original Color

240.0990, 21.2300, -10.3060

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.7850, 7.7950, -3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.0990, 21.2300, -10.3060 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(254, 241, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 199)  
}
```

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(254, 241, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 199) }
```

Border

The CSS property to change the border of an element to YIQ 240.0990, 21.2300, -10.3060 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(254, 241, 199) }
```


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

```
.border{ border-color:rgb(254, 241, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 240.0990, 21.2300, -10.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 199) }
```

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

```
.background{ background-color: rgb(254,  
241, 199) }
```

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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