

Converting Colors

YIQ(240.1310, 18.2040,
-10.5320)

Have a look what the booklet for
YIQ(240.1310, 18.2040, -10.5320)
contains.

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Color

**YIQ(240.1310, 18.2040,
-10.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2CA
RGB	251, 242, 202
RGB Percent	98%, 95%, 79%
CMY	0.0157, 0.0510, 0.2077
CMYK	0.00, 0.04, 0.20, 0.02
HSL	49°, 86%, 89%
HSV	49°, 20%, 98%
XYZ	82.1981, 88.2765, 68.6002
YIQ	240.1310, 18.2040, -10.5320

Conversions

Conversions Part 2

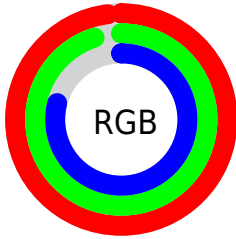
Format	Color
R _Y B	213, 251, 202
Decimal	16511690
CIE Lab	95.28, -3.27, 20.40
CIE LCh	95, 20.663, 99.115
Yxy	88.2765, 0.3438, 0.3692
Android (android.graphics.Color)	4294701770 (0xFFFBF2CA)
YUV	240.1310, -18.7986, 9.5321
Hunter-Lab	93.9556, -8.2595, 22.4792

Details

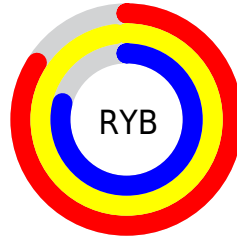
The YIQ color $240.1310, 18.2040, -10.5320$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $212.8690, -18.2040, 10.5320$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.0600, 16.9660, -10.1220$ is the 20% darker color. If you saturate the color by 10%, you get $234.3460, 27.6040, -15.6920$, and if you desaturate by 10%, it is $245.9160, 8.8040, -5.3720$.

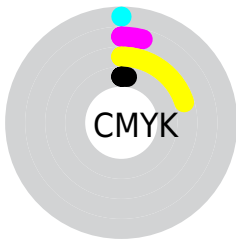
Distribution



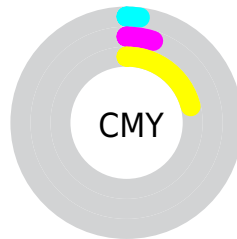
- Red (98%)
- Green (95%)
- Blue (79%)



- Red (84%)
- Yellow (98%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.1310, 18.2040, -10.5320 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 240.1310, 18.2040, -10.5320 by changing the saturation by 10% instead.

240.1310, 18.2040,
-10.5320

240.1310, 18.2040,
-10.5320

255.0000, -0.0000,
-0.0000

211.9460, 17.2870,
-10.4330

184.0600, 16.9660,
-10.1220

157.1740, 16.6450,
-9.8110

130.9890, 15.7280,
-9.7120

105.8040, 14.8110,
-9.6130

81.6190, 13.8940,
-9.5140

58.4340, 12.9770,

-9.4150

■ 36.2060, 13.6190,
-10.0370

■ 16.8340, 6.0990,
-5.9090

■ 240.1310, 18.2040,
-10.5320

■ 240.1310, 18.2040,
-10.5320

■ 234.3460, 27.6040,
-15.6920

■ 245.9160, 8.8040,
-5.3720

■ 229.1480, 36.7290,
-21.3750

■ 251.1140, -0.3210,
0.3110

■ 223.3630, 46.1290,
-26.5350

■ 253.8040, -2.3840,
-0.8480

■ 218.1650, 55.2540,
-32.2180

■ 212.3800, 64.6540,
-37.3780

■ 206.4810, 74.3750,
-42.8490

■ 201.2830, 83.5000,
-48.5320

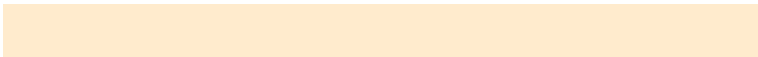
■ 195.4980, 92.9000,
-53.6920

■ 195.3840, 93.2210,
-54.0030

Harmonies

Analogous

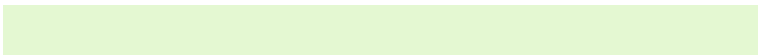
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.5600, 21.5500, -5.0900



240.1310, 18.2040, -10.5320



237.6880, 0.2780, -16.0580

Triad

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



240.1310, 18.2040, -10.5320



233.8040, -37.9150, -12.2110



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.



240.1310, 18.2040, -10.5320



212.8690, -18.2040, 10.5320

Split Complementary

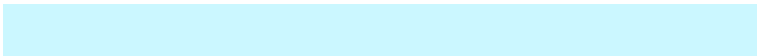
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.0750, 4.5830, 10.5590



240.1310, 18.2040, -10.5320



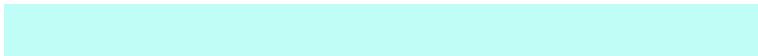
234.7560, -28.7920, -6.8400

Square

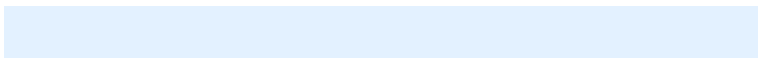
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.1310, 18.2040, -10.5320



234.0770, -34.4300, -14.7980



238.4100, -12.8380, 1.3860



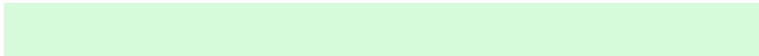
236.9850, 13.5240, 8.2120

Rectangle

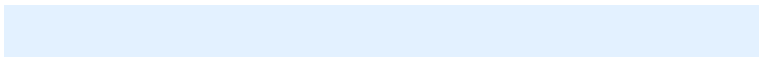
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.1310, 18.2040, -10.5320



236.1040, -12.6970, -17.6970



238.4100, -12.8380, 1.3860



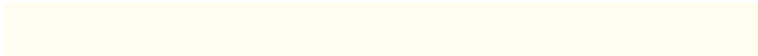
240.9120, 6.6000, 12.5520

Sweetspot

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



240.1310, 18.2040, -10.5320



251.5290, 5.6400, -3.0960



217.7910, 25.9940, 13.4980



125.8000, 3.4390, -1.7530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

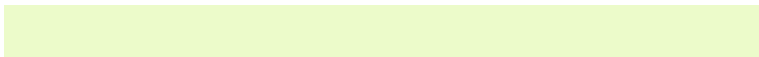
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.1310, 18.2040, -10.5320



241.8170, 21.9640, -12.5960



240.9290, 6.7890, -18.4190



122.3440, 4.7230, -2.9970



146.9090, 70.2940, -40.4740



47.5890, 22.6060, -13.2180

Inverse Universe

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



212.8690, -18.2040, 10.5320



209.1830, -21.9640, 12.5960



212.0710, -6.7890, 18.4190



115.2430, -4.9980, 2.4740



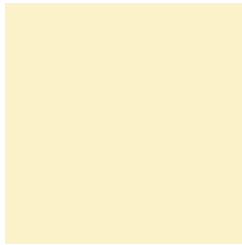
42.0910, -70.2940, 40.4740



13.4110, -22.6060, 13.2180

Previews

White Background



This preview shows how the YIQ color 240.1310, 18.2040, -10.5320 looks on a white background.

Color Contrast Check

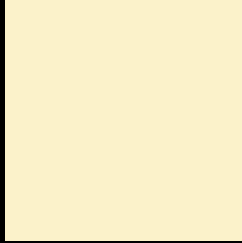
Large Text (above 18pt) WCAG AA × Fail

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 240.1310, 18.2040, -10.5320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

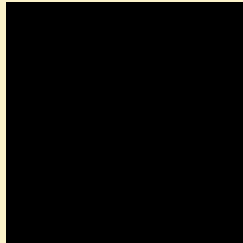
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.1310, 18.2040, -10.5320

Background



This preview shows how black text looks on a background with the YIQ color 240.1310, 18.2040, -10.5320.



This preview shows how white text looks on a background with the YIQ color 240.1310, 18.2040,

-10.5320.

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

240.1310, 18.2040, -10.5320

Protanopia

240.6260, 21.1840, -9.4720

Deuteranopia

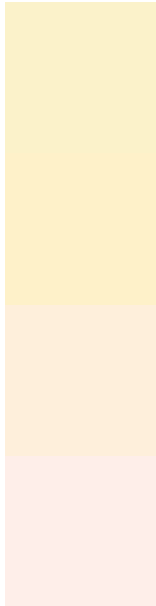
242.0570, 13.0210, 0.8050



Tritanopia

243.3910, 6.5090, 8.6930

Trichromacy



Original Color

240.1310, 18.2040, -10.5320

Protanomaly

240.3270, 20.5880, -9.6840

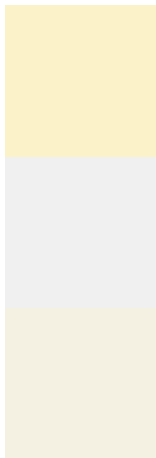
Deuteranomaly

241.2050, 15.3600, -3.0400

Tritanomaly

242.2140, 11.1410, 1.8370

Monochromacy



Original Color

240.1310, 18.2040, -10.5320

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.1870, 6.6030, -4.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.1310, 18.2040, -10.5320 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(251, 242, 202)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 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(251, 242, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 202) }
```

Border

The CSS property to change the border of an element to YIQ 240.1310, 18.2040, -10.5320 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(251, 242, 202) }
```


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

```
.border{ border-color:rgb(251, 242, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 202);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 240.1310, 18.2040, -10.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 202) }
```

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

```
.background{ background-color: rgb(251,  
242, 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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