

Converting Colors

YIQ(238.1240, 10.9140,
-10.5740)

Have a look what the booklet for
YIQ(238.1240, 10.9140, -10.5740)
contains.

YIQ(238.1240, 10.9140, -10.5740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(238.1240, 10.9140,
-10.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F2D0
RGB	242, 242, 208
RGB Percent	95%, 95%, 82%
CMY	0.0510, 0.0510, 0.1842
CMYK	0.00, 0.00, 0.14, 0.05
HSL	60°, 57%, 88%
HSV	60°, 14%, 95%
XYZ	79.7556, 86.9354, 72.2626
YIQ	238.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

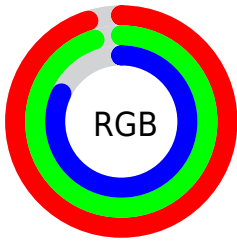
Format	Color
R_{YB}	208, 242, 208
Decimal	15921872
CIE _{Lab}	94.71, -5.60, 16.43
CIE _{LCh}	95, 17.354, 108.818
Yxy	86.9354, 0.3338, 0.3638
Android (android.graphics.Color)	4294111952 (0xFFFF2F2D0)
YUV	238.1240, -14.8511, 3.3993
Hunter-Lab	93.2392, -10.4820, 19.3162

Details

The YIQ color $238.1240, 10.9140, -10.5740$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.8760, -10.9140, 10.5740$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.3520, 10.2720, -9.9520$ is the 20% darker color. If you saturate the color by 10%, you get $235.3880, 18.6180, -18.0380$, and if you desaturate by 10%, it is $240.8600, 3.2100, -3.1100$.

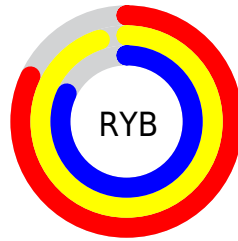
Distribution



Red (95%)

Green (95%)

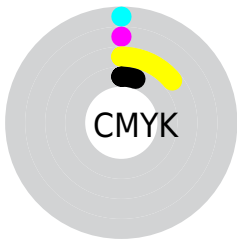
Blue (82%)



Red (82%)

Yellow (95%)

Blue (82%)

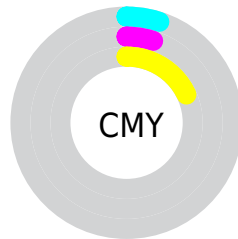


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.1240, 10.9140, -10.5740 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 238.1240, 10.9140, -10.5740 by changing the saturation by 10% instead.

■ 238.1240, 10.9140,
-10.5740

■ 238.1240, 10.9140,
-10.5740

255.0000, -0.0000,
-0.0000

■ 210.1240, 10.9140,
-10.5740

■ 182.3520, 10.2720,
-9.9520

■ 155.4660, 9.9510,
-9.6410

■ 129.1670, 9.3550,
-9.8530

■ 104.2810, 9.0340,
-9.5420

■ 79.5090, 8.3920,
-8.9200

■ 56.7370, 7.7500,

-8.2980

■ 35.3240, 7.4750,
-8.8210

■ 14.7410, 1.9270,
-7.3930

■ 238.1240, 10.9140,
-10.5740

■ 238.1240, 10.9140,
-10.5740

■ 235.3880, 18.6180,
-18.0380

■ 240.8600, 3.2100,
-3.1100

■ 232.6520, 26.3220,
-25.5020

■ 243.4820, -4.1730,
4.0430

■ 229.8020, 34.3470,
-33.2770

■ 227.0660, 42.0510,
-40.7410

■ 224.3300, 49.7550,
-48.2050

■ 221.5940, 57.4590,
-55.6690

■ 218.8580, 65.1630,
-63.1330

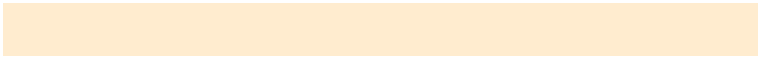
■ 216.0080, 73.1880,
-70.9080

■ 214.4120, 77.6820,
-75.2620

Harmonies

Analogous

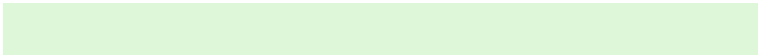
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.3750, 20.6330, -4.9910



238.1240, 10.9140, -10.5740



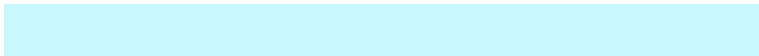
236.4040, -4.6740, -14.4180

Triad

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



238.1240, 10.9140, -10.5740



233.8590, -30.5800, -7.4760



238.8260, 9.7180, 11.1100

Complementary

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



238.1240, 10.9140, -10.5740



211.8760, -10.9140, 10.5740

Split Complementary

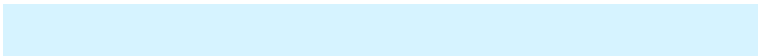
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4990, 6.3250, 12.0290



238.1240, 10.9140, -10.5740



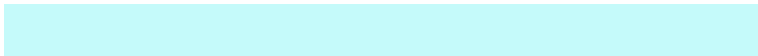
235.6970, -21.1360, -2.4160

Square

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



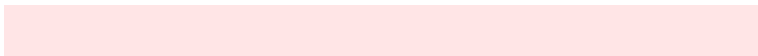
238.1240, 10.9140, -10.5740



234.1530, -31.5880, -11.2360



239.0410, -7.2450, 4.6510



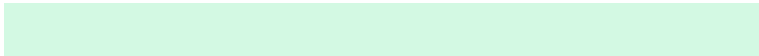
236.8880, 15.1750, 5.8230

Rectangle

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



238.1240, 10.9140, -10.5740



235.1300, -15.5860, -14.8980



239.0410, -7.2450, 4.6510



239.9830, 7.8380, 12.1420

Sweetspot

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



238.1240, 10.9140, -10.5740



253.8600, 3.2100, -3.1100



218.1660, 20.2640, 7.2080



126.9030, 1.6510, -2.3890



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.



238.1240, 10.9140, -10.5740



250.0980, 13.8030, -13.3730



233.0410, 0.7820, -14.1780



118.6320, 3.8520, -3.7320



163.0240, 59.0640, -57.2240



49.6160, 17.9760, -17.4160

Inverse Universe

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



211.8760, -10.9140, 10.5740



216.9020, -13.8030, 13.3730



216.9590, -0.7820, 14.1780



109.3680, -3.8520, 3.7320



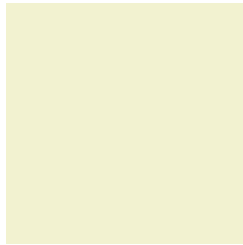
20.9760, -59.0640, 57.2240



6.3840, -17.9760, 17.4160

Previews

White Background



This preview shows how the YIQ color 238.1240, 10.9140, -10.5740 looks on a white background.

Color Contrast Check

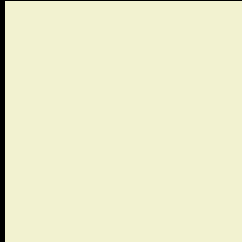
Large Text (above 18pt) WCAG AA × Fail

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 238.1240, 10.9140, -10.5740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

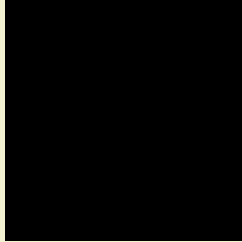
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

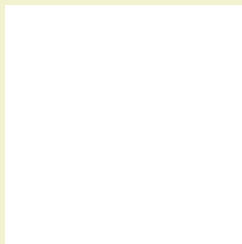
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.1240, 10.9140, -10.5740

Background



This preview shows how black text looks on a background with the YIQ color 238.1240, 10.9140, -10.5740.



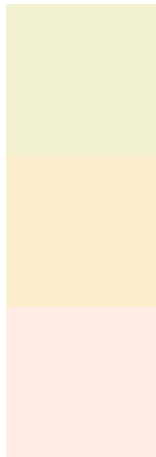
This preview shows how white text looks on a background with the YIQ color 238.1240, 10.9140,

-10.5740.

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

238.1240, 10.9140, -10.5740

Protanopia

239.2390, 18.0200, -7.1960

Deuteranopia

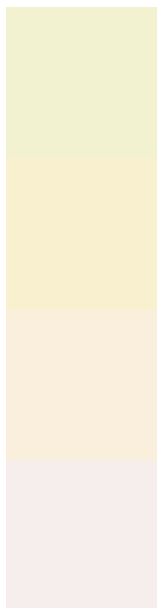
240.7690, 13.8920, 1.5400



Tritanopia

241.0530, 1.6490, 8.6650

Trichromacy



Original Color

238.1240, 10.9140, -10.5740

Protanomaly

238.6300, 15.3610, -8.5670

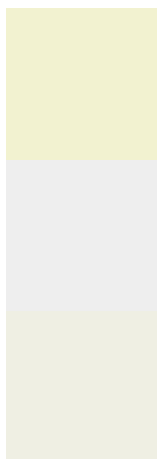
Deuteranomaly

239.6500, 12.6090, -2.7430

Tritanomaly

240.2780, 5.0890, 1.3850

Monochromacy



Original Color

238.1240, 10.9140, -10.5740

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

237.6320, 3.8520, -3.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.1240, 10.9140, -10.5740 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(242, 242, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 208)  
}
```

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(242, 242, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 208) }
```

Border

The CSS property to change the border of an element to YIQ 238.1240, 10.9140, -10.5740 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(242, 242, 208) }
```


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

```
.border{ border-color:rgb(242, 242, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 242, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 238.1240, 10.9140, -10.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 208) }
```

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

```
.background{ background-color: rgb(242,  
242, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor